



# GARDEN & ASSOCIATES, LTD.

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1701 3<sup>rd</sup> Avenue East, Suite 1 • P.O. Box 451 • Oskaloosa, IA 52577

Phone: 641.672.2526 • Fax: 641.672.2091

May 18, 2020

Sean Murphy, Engineering Technician  
City of Oskaloosa Public Works  
220 South Market Street  
Oskaloosa, IA 52577

Re: Sanitary Sewer System Improvements: Phase 3  
Division 2: Manhole Rehabilitation, CIPP, and Spot Repairs  
Oskaloosa, Iowa - 2019  
G&A #3017050

Dear Sean:

Enclosed herewith are three (3) copies of Pay Application No. 7 submitted by Visu-Sewer, Inc. in the amount of \$74,866.79 and represents the work completed to date.

Should Council approve the Pay Application, have the Mayor sign all three copies. Forward one copy with payment to Visu-Sewer, return one copy to Garden & Associates, and keep one copy for City files.

If you have any questions, please don't hesitate to contact me.

Sincerely,  
**GARDEN & ASSOCIATES, LTD.**

Jack Pope, P.E.

Enclosure: Pay Application No. 7 - (3 copies)

JP/mb

### APPLICATION FOR PAYMENT NO. 7

To: City of Oskaloosa (JURISDICTION)

From: Visu-Sewer, Inc. (CONTRACTOR)

Contract: Division 2: Manhole Rehabilitation, CIPP, and Spot Repairs

Project: Sanitary Sewer System Improvements: Phase 3

JURISDICTION's Contract No.: \_\_\_\_\_ ENGINEER's Project No.: 3017050

For Work Accomplished Through the Date of: 5/15/2020

1. Original Contract Price:		<u>\$ 2,596,203.95</u>
2. Net Change by Change Orders and Written Amendments (+ or -):		<u>\$ 60,685.75</u>
3. Current Contract Price (1 plus 2):		<u>\$ 2,656,889.70</u>
4. Total Completed and Stored to Date:		<u>\$ 1,467,280.71</u>
5. Retainage (Per Agreement):		
5% of Completed Work:	<u>\$ 71,258.47</u>	
5% of Stored Material:	<u>\$ 2,105.57</u>	
Total Retainage:		<u>\$ 73,364.04</u>
6. Total Completed and Stored to Date Less Retainage (4 minus 5):		<u>\$ 1,393,916.67</u>
7. Less Previous Application for Payments:		<u>\$ 1,319,049.88</u>
8. <b>DUE THIS APPLICATION (6 MINUS 7)</b>		<u>\$ 74,866.79</u>

Accompanying Documentation:

CONTRACTOR'S Certification:

The undersigned CONTRACTOR certifies that (1) all previous progress payments received from JURISDICTION on account of Work done under the Contract referred to above have been applied on account to discharge CONTRACTOR's legitimate obligations incurred in connection with Work covered by prior Applications for Payment numbered -- through -- inclusive; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application of Payment will pass to JURISDICTION at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to JURISDICTION indemnifying JURISDICTION against any such Lien, security interest or encumbrance); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and not defective.

Payment of the above AMOUNT DUE THIS APPLICATION is **requested**.

Dated: 5/18/2020 Visu-Sewer, Inc.  
(CONTRACTOR)

By: 

Payment of the above AMOUNT DUE THIS APPLICATION is **recommended**.

Dated: 5-18-2020 Garden & Associates, Ltd.  
(ENGINEER)

By: 

Payment of the above AMOUNT DUE THIS APPLICATION is **approved**.

Dated: \_\_\_\_\_ City of Oskaloosa, Iowa  
(JURISDICTION)

By: \_\_\_\_\_

Pay Application 7  
Sanitary Sewer System Improvements  
Phase 3  
Division 2: Manhole Rehabilitation, CIPP and Spot Repairs  
Oskaloosa, Iowa - 2019

Base Bid

No.	Item	Unit	Estimated Quantity	Unit Price	Extended Price	Stored Materials	Previous Application	This Period	Total Completed	Extended Price	Extended Price Plus Stored Materials
1	3010-108-F-0 Trench Compaction Testing - Sanitary and Storm Sewer	LS	1	\$4,635.00	\$4,635.00		0.50		0.50	\$2,317.50	\$2,317.50
2	4010-108-A-1 Sanitary Sewer Gravity Main, Trenched, PVC or Truss, 18"	LF	35	\$154.50	\$5,407.50		35.00		35.00	\$5,407.50	\$5,407.50
3	4010-108-E-0 Sanitary Sewer Service Stub, PVC, 4" or 6"	LF	280	\$36.05	\$10,094.00	\$2,566.86	99.00	2.50	101.50	\$3,659.08	\$6,225.94
4	4010-108-L-0 Sanitary Sewer Cleanout, PVC, 4"	EA	1	\$257.50	\$257.50	\$40.51			0.00	\$0.00	\$40.51
5	4020-108-A-1 Storm Sewer, Trenched, RCP, 18"	LF	24	\$185.40	\$4,449.60	\$356.80			12.00	\$2,224.80	\$2,581.60
6	4050-108-A-0 Pipe Lining, CIPP, 8"	LF	3,887	\$24.00	\$93,288.00		2440.00		2440.00	\$58,560.00	\$58,560.00
7	4050-108-A-0 Pipe Lining, CIPP, 10"	LF	859	\$32.50	\$27,917.50		1319.00		1319.00	\$42,867.50	\$42,867.50
8	4050-108-A-0 Pipe Lining, CIPP, 12"	LF	1,075	\$30.00	\$32,250.00		671.00		671.00	\$20,130.00	\$20,130.00
9	4050-108-A-1 Pipe Lining, CIPP, 18"	LF	627	\$59.00	\$36,993.00				0.00	\$0.00	\$0.00
10	4050-108-C-1 Spot Repairs by Count, Sanitary Sewer	EA	12	\$6,695.00	\$80,340.00	\$545.94		1.00	9.00	\$60,255.00	\$60,800.94
11	4050-108-C-1 Spot Repairs by Count, Sanitary Sewer, in Alley (D.45)	EA	7	\$10,815.00	\$75,705.00	\$1,175.88		3.00	3.00	\$32,445.00	\$33,620.88
12	4050-108-C-1 Spot Repairs by Count, Storm Sewer	EA	1	\$3,090.00	\$3,090.00				0.00	\$0.00	\$0.00
13	4050-108-C-2 Spot Repairs by Pipe Replacement, Sanitary Sewer	LF	160	\$92.70	\$14,832.00	\$141.11		5.00	104.00	\$9,640.80	\$9,781.91
14	4050-108-C-2 (D.45) Spot Repairs by Pipe Replacement, Storm Sewer	LF	115	\$103.00	\$11,845.00	\$188.98		47.50	47.50	\$4,892.50	\$5,081.48
15	4050-108-C-2 Spot Repairs by Pipe Replacement, Storm Sewer	LF	8	\$103.00	\$824.00				0.00	\$0.00	\$0.00
16	XXXX-XXX-X-X Remote Point Repair	EA	22	\$175.00	\$3,850.00		3.00		3.00	\$525.00	\$525.00
17	4050-108-D-0 Inspection and Cleaning of Sanitary Sewer, 8" Dia.	LF	3,887	\$2.50	\$9,717.50		2440.00		2440.00	\$6,100.00	\$6,100.00
18	4050-108-D-0 Inspection and Cleaning of Sanitary Sewer, 10" Dia.	LF	859	\$2.50	\$2,147.50		1319.00		1319.00	\$3,297.50	\$3,297.50
19	4050-108-D-0 Inspection and Cleaning of Sanitary Sewer, 12" Dia.	LF	1,075	\$2.50	\$2,687.50		1083.00		1083.00	\$2,707.50	\$2,707.50
20	4050-108-D-0 Inspection and Cleaning of Sanitary Sewer, 18" Dia.	LF	627	\$3.50	\$2,194.50				0.00	\$0.00	\$0.00
21	4050-108-E-0 Reinstatement of Services	EA	167	\$80.00	\$13,360.00				89.00	\$7,120.00	\$7,120.00
22	4050-108-F-0 Post Inspection of CIPP Sewer, 8" Dia.	LF	3,887	\$0.50	\$1,943.50		2440.00		2440.00	\$1,220.00	\$1,220.00
23	4050-108-F-0 Post Inspection of CIPP Sewer, 10" Dia.	LF	859	\$0.50	\$429.50		1319.00		1319.00	\$659.50	\$659.50
24	4050-108-F-0 Post Inspection of CIPP Sewer, 12" Dia.	LF	1,075	\$0.50	\$537.50		671.00		671.00	\$335.50	\$335.50
25	4050-108-F-0 Post Inspection of CIPP Sewer, 18" Dia.	LF	627	\$0.50	\$313.50				0.00	\$0.00	\$0.00
26	5010-108-A-1 Water Main, Trenched, C900 PVC DR 18, 4"	LF	40	\$128.75	\$5,150.00				41.00	\$5,278.75	\$5,278.75
27	5010-108-A-1 Water Main, Trenched, C900 PVC DR 18, 6"	LF	175	\$154.50	\$27,037.50	\$8,225.99			52.00	\$8,034.00	\$16,259.99
28	5010-108-E-1 Water Service Pipe, Type K Copper, 1"	LF	8	\$20.60	\$164.80				5.00	\$103.00	\$103.00
29	5010-108-E-2 Water Service Corporation, 1"	EA	1	\$309.00	\$309.00				2.00	\$618.00	\$618.00
30	5010-108-E-3 Water Service Curb Stop and Box, 1"	EA	1	\$412.00	\$412.00				1.00	\$412.00	\$412.00
31	5020-108-A-0 Gate Valve, 4" - Install Only	EA	1	\$463.50	\$463.50				1.00	\$463.50	\$463.50
32	5020-108-A-0 Gate Valve, 6" - Install Only	EA	2	\$721.00	\$1,442.00	\$59.84			2.00	\$1,339.00	\$1,339.00
33	XXXX-XXX-X-X Restrained End Caps, 6"	EA	6	\$824.00	\$4,944.00	\$90.86			0.00	\$0.00	\$59.84
34	XXXX-XXX-X-X Relocate existing water main, 4"	EA	1	\$5,150.00	\$5,150.00				4.00	\$3,296.00	\$3,386.86
35	XXXX-XXX-X-X Relocate existing water main, 6"	EA	3	\$6,180.00	\$18,540.00				1.00	\$5,150.00	\$5,150.00
36	XXXX-XXX-X-X Relocate existing water main, 8"	EA	3	\$18,540.00	\$55,620.00				4.00	\$24,720.00	\$24,720.00
37	6010-108-A-0 Manhole Type SW-301, 48" Dia.	EA	13	\$13,390.00	\$174,070.00				14.00	\$187,460.00	\$187,460.00
38	6010-108-A-0 Manhole Type SW-301, 60" Dia.	EA	1	\$13,390.00	\$13,390.00	\$3,792.20		1.00	0.00	\$0.00	\$3,792.20
39	6010-108-A-0 Manhole Type SW-302, 57x4'	EA	1	\$14,420.00	\$14,420.00	\$4,086.10			0.00	\$0.00	\$4,086.10
40	6010-108-C-0 Drop Connection, 8" DIP	EA	3	\$824.00	\$2,472.00	\$800.00			0.00	\$0.00	\$0.00
41	6010-108-C-0 Drop Connection, 12" DIP	EA	1	\$1,236.00	\$1,236.00				1.00	\$824.00	\$1,624.00
42	6010-108-E-0 Manhole Adjustment, Minor	EA	8	\$1,380.00	\$11,040.00				1.00	\$1,236.00	\$1,236.00
43	6010-108-F-0 Manhole Adjustment, Major	EA	2	\$1,725.00	\$3,450.00				7.00	\$9,660.00	\$9,660.00
44	6010-108-H-0 Remove Manhole	EA	13	\$6,695.00	\$87,035.00				0.00	\$0.00	\$0.00
45	6020-108-A-0 Infiltration Barrier (Chimney Seal, Rubber)	EA	24	\$690.00	\$16,560.00				9.00	\$4,635.00	\$4,635.00
46	6020-108-B-0 In-Situ Manhole Replacement, Cast-In-Place Concrete	EA	24	\$316.25	\$7,590.00				23.00	\$15,870.00	\$15,870.00
47	XXXX-XXX-X-X Manhole Invert Replacement	EA	88	\$1,035.00	\$91,080.00				70.45	\$22,279.81	\$22,279.81
48	XXXX-XXX-X-X Seal Manhole Joints and Pipe Penetrations	EA	2	\$660.00	\$1,320.00				0.00	\$0.00	\$0.00
49	XXXX-XXX-X-X Internal Drop Connection, 2"	EA	17	\$600.00	\$10,200.00				18.00	\$11,880.00	\$11,880.00
50	XXXX-XXX-X-X Internal Drop Connection, 6"	EA	1	\$700.00	\$700.00				0.00	\$0.00	\$0.00
51	7010-108-E-0 Curb and Gutter, PCC	EA	1	\$97.85	\$97.85				0.00	\$0.00	\$0.00
52	7010-108-I-0 PCC Pavement Samples and Testing	LF	66	\$6,458.10	\$426,434.60				0.00	\$0.00	\$0.00
53	7010-108-J-0 Granular Surfacing, Class A Crushed Stone	TON	40	\$41.20	\$1,648.00				64.33	\$6,294.69	\$6,294.69
54	7030-108-A-0 Removal of Sidewalk	SY	153	\$15.45	\$2,363.85				1.00	\$5,300.00	\$5,300.00
55	7030-108-A-0 Removal of Driveway	SY	75	\$20.60	\$1,545.00				23.00	\$1,452.30	\$1,452.30
56	7030-108-E-0 Sidewalk, PCC, 4" Thick	SY	63	\$72.10	\$4,542.30				34.56	\$711.94	\$711.94
									22.56	\$1,626.58	\$1,626.58

Pay Application 7  
Sanitary Sewer System Improvements  
Phase 3  
Division 2: Manhole Rehabilitation, CIPP and Spot Repairs  
Oskaloosa, Iowa - 2019

No.	Item	Unit	Estimated Quantity	Unit Price	Extended Price	Stored Materials	Previous Application	This Period	Total Completed	Extended Price	Extended Price Plus Stored Materials
57	7030-108-E-0 Sidewalk, PCC, 6" Thick	SY	102	\$92.70	\$9,455.40		84.00	7.00	91.00	\$8,435.70	\$8,435.70
58	7030-108-G-0 Detectable Warning	SF	96	\$154.50	\$14,832.00		96.00		96.00	\$14,832.00	\$14,832.00
59	7030-108-H-1 Driveway, Paved, PCC, 6" Thick	SY	77	\$92.70	\$7,137.90		34.56		34.56	\$3,203.71	\$3,203.71
60	7040-108-A-0 Full Depth Patches, 7" Thick P.C.C.	SY	1,770	\$95.00	\$168,150.00		1068.89	133.00	1201.89	\$114,179.55	\$114,179.55
61	7040-108-A-0 Full Depth Patches, 12" Thick Max., P.C.C.	SY	336	\$145.00	\$48,720.00		536.00		536.00	\$77,720.00	\$77,720.00
62	7040-108-B-0 Subbase Over-excavation, 6"	TON	569	\$36.05	\$20,512.45		309.92	35.47	345.39	\$12,451.31	\$12,451.31
63	7040-108-F-0 Curb and Gutter Removal	LF	66	\$15.45	\$1,019.70		66.00		66.00	\$1,019.70	\$1,019.70
64	9010-108-A-0 Conventional Seedings, Fertilizing and Mulching	LS	1	\$7,725.00	\$7,725.00		0.75	0.75	0.75	\$5,793.75	\$5,793.75
65	11,020-108-A Mobilization	LS	1	\$26,000.00	\$26,000.00		0.75	0.75	0.75	\$19,500.00	\$19,500.00
66	XXXX-XXX-X-X Traffic Control	LS	1	\$21,500.00	\$21,500.00		0.75	0.75	0.75	\$16,125.00	\$16,125.00
	CO #1 - 1. Manhole NW-A71-15 Core Drilling @ S 1st St & 5th Ave East	LS	1	\$3,080.00	\$3,080.00		1.00		1.00	\$3,080.00	\$3,080.00
	CO #2 - 1. Union Pacific Administrative Fee	LS	1	\$7,700.00	\$7,700.00		1.00		1.00	\$7,700.00	\$7,700.00
	CO #2 - 2. Railroad Protective Liability Insurance	LS	1	\$1,000.00	\$1,000.00		1.00		1.00	\$1,000.00	\$1,000.00
	CO #2 - 3. Railroad Construction Observation/Flashing	LS	1	\$1,000.00	\$1,000.00		1.00		1.00	\$1,000.00	\$1,000.00
	CO #2 - 4. Storm sewer replacement around NW-A13-115	LS	1	\$3,500.00	\$3,500.00		0.00		0.00	\$0.00	\$0.00
	CO #2 - 5. Pipe Lining, CIPP, 6"	LF	309	\$7,854.00	\$7,854.00		1.00		1.00	\$7,854.00	\$7,854.00
	CO #2 - 6. Inspection and Cleaning of Sanitary Sewer, 6" Dia.	LF	309	\$28.00	\$8,652.00		302.00		302.00	\$0.00	\$0.00
	CO #2 - 7. Post Inspection of CIPP Sewer, 6" Dia.	LF	309	\$4.00	\$1,236.00				302.00	\$1,208.00	\$1,208.00
	CO #2 - 8. Pipe Lining, CIPP, 9"	LF	309	\$0.50	\$154.50				0.00	\$0.00	\$0.00
	CO #2 - 9. Inspection and Cleaning of Sanitary Sewer, 9" Dia.	LF	815	\$27.25	\$22,208.75		819.00		819.00	\$22,317.75	\$22,317.75
	CO #2 - 10. Post Inspection of CIPP Sewer, 9" Dia.	LF	815	\$2.50	\$2,037.50		819.00		819.00	\$2,047.50	\$2,047.50
	CO #3 - 1. 30" Storm Sewer Replacement at MH NW-A57-30	LF	815	\$0.50	\$407.50		819.00		819.00	\$409.50	\$409.50
	CO #3 - 2. Support Insert-a-valve installation in A Avenue East (12 hr @ \$187.00/hr)	LS	1	\$3,520.00	\$3,520.00		1.00		1.00	\$3,520.00	\$3,520.00
	CO #3 - 3. Additional A Avenue East Traffic Control (14 days @ \$330/day)	LS	1	\$2,244.00	\$2,244.00		1.00		1.00	\$2,244.00	\$2,244.00
	CO #3 - 4. KLC downtime on 10/23/19 (5 hr @ \$187/hr)	LS	1	\$4,620.00	\$4,620.00		1.00		1.00	\$4,620.00	\$4,620.00
	CO #3 - 5. Insert-a-Valves on water main in A Avenue East	LS	1	\$935.00	\$935.00		1.00		1.00	\$935.00	\$935.00
	<b>TOTAL - DIVISION 2 BASE BID</b>	EA	2	\$9,150.75	\$18,301.50	\$22,071.07	2.00		2.00	\$18,301.50	\$18,301.50
					\$1,724,504.85	\$22,071.07				\$933,454.82	\$955,525.89

Pay Application 7  
Sanitary Sewer System Improvements  
Phase 3  
Division 2: Manhole Rehabilitation, CIPP and Spot Repairs  
Oskaloosa, Iowa - 2019

Rehabilitation Option 1

No.	Item	Unit	Estimated Quantity	Unit Price	Extended Price	Stored Materials	Previous Application	This Period	Total Completed	Extended Price	Extended Price Plus Stored Materials
1	3010-108-F-0 Trench Compaction Testing - Sanitary and Storm Sewer	LS	1	\$1,236.00	\$1,236.00		0.25		0.25	\$309.00	\$309.00
2	4010-108-E-0 Sanitary Sewer Service Stub, PVC, 4" or 6"	LF	133	\$30.90	\$4,109.70	\$714.90	75.00		75.00	\$2,317.50	\$3,032.40
3	4010-108-I-0 Sanitary Sewer Cleanout, PVC, 8"	EA	2	\$721.00	\$1,442.00		1.00		1.00	\$721.00	\$721.00
4	5010-108-A-1 Water Main, Trenched, C900 PVC DR 18, 4"	LF	1.5	\$133.90	\$2,008.50	\$91.19	9.00		9.00	\$1,205.10	\$1,296.29
5	XXXX-XXX-X-X Lower Existing Water Main, 4"	EA	1	\$3,090.00	\$3,090.00	\$1,337.56			0.00	\$0.00	\$1,337.56
6	XXXX-XXX-X-X Restrained End Caps, 4"	EA	2	\$721.00	\$1,442.00	\$59.84			0.00	\$0.00	\$59.84
7	6010-108-A-0 Manhole Type SW-301, 48" Dia.	EA	10	\$13,900.00	\$133,900.00	\$6,740.39	6.00		6.00	\$80,340.00	\$87,080.39
8	6010-108-C-0 Drop Connection, 8" DIP	EA	10	\$824.00	\$8,240.00	\$800.00			0.00	\$0.00	\$800.00
9	6010-108-H-0 Remove Manhole	EA	10	\$515.00	\$5,150.00		5.00		5.00	\$2,575.00	\$2,575.00
10	7010-108-E-0 Curb and Gutter, PCC	LF	33	\$92.70	\$3,059.10		18.00		18.00	\$1,668.60	\$1,668.60
11	7010-108-I-0 PCC Pavement Samples and Testing	LS	1	\$1,236.00	\$1,236.00		0.50		0.50	\$618.00	\$618.00
12	7010-108-J-0 Granular Surfacing, Class A Crushed Stone	TON	12	\$36.05	\$432.60		11.00		11.00	\$396.55	\$396.55
13	7030-108-A-0 Removal of Sidewalk	SY	64	\$20.60	\$1,318.40		19.21		19.21	\$395.73	\$395.73
14	7030-108-A-0 Removal of Driveway	SY	43	\$20.60	\$885.80		21.55		21.55	\$443.93	\$443.93
15	7030-108-E-0 Sidewalk, PCC, 4" Thick	SY	22	\$72.10	\$1,586.20		15.66		15.66	\$1,129.09	\$1,129.09
16	7030-108-E-0 Sidewalk, PCC, 6" Thick	SY	42	\$92.70	\$3,893.40		3.55		3.55	\$329.09	\$329.09
17	7030-108-G-0 Detectable Warning	SF	48	\$154.50	\$7,416.00		21.55		21.55	\$1,997.69	\$1,997.69
18	7030-108-H-1 Driveway, Paved, PCC, 6" Thick	SY	43	\$92.70	\$3,986.10		37.33		37.33	\$3,546.35	\$3,546.35
19	7040-108-A-0 Full Depth Patches, 7" Thick P.C.C.	SY	644	\$95.00	\$61,180.00		21.67		21.67	\$3,142.15	\$3,142.15
20	7040-108-A-0 Full Depth Patches, 12" Thick Max., P.C.C.	SY	27	\$145.00	\$3,915.00		16.21		16.21	\$584.37	\$584.37
21	7040-108-B-0 Subbase Over-excavation, 6"	TON	182	\$36.05	\$6,561.10		18.00		18.00	\$278.10	\$278.10
22	7040-108-I-0 Curb and Gutter Removal	LF	33	\$15.45	\$509.85		0.25	0.50	0.25	\$772.50	\$772.50
23	9010-108-A-0 Conventional Seeding; Seeding, Fertilizing and Mulching	LS	1	\$1,545.00	\$1,545.00		0.25		0.25	\$750.00	\$750.00
24	11,020-108-A Mobilization	LS	1	\$3,000.00	\$3,000.00		0.25		0.25	\$1,250.00	\$1,250.00
25	XXXX-XXX-X-X Traffic Control	LS	1	\$5,000.00	\$5,000.00		0.25		0.25	\$104,769.75	\$114,513.63
<b>TOTAL - DIVISION 2 REHABILITATION OPTION 1</b>						<b>\$9,743.88</b>				<b>\$104,769.75</b>	<b>\$114,513.63</b>

Pay Application 7  
Sanitary Sewer System Improvements  
Phase 3  
Division 2: Manhole Rehabilitation, CIPP and Spot Repairs  
Oskaloosa, Iowa - 2019

Rehabilitation Option 2

No.	Unit	Item	Estimated Quantity	Unit Price	Extended Price	Stored Materials	Previous Application	This Period	Total Completed	Extended Price	Extended Price Plus Stored Materials
1	LS	3010-108-F-0 Trench Compaction Testing - Sanitary and Storm Sewer	1	\$824.00	\$824.00		0.25		0.25	\$206.00	\$206.00
2	LF	4010-108-E-0 Sanitary Sewer Service Stub, PVC, 4" or 6"	230	\$30.90	\$7,107.00	\$2,391.22	36.00		36.00	\$1,112.40	\$3,503.62
3	LF	4050-108-A-0 Pipe Lining, CIPP, 8"	868	\$26.50	\$23,002.00		886.00		886.00	\$23,479.00	\$23,479.00
4	LF	4050-108-A-0 Pipe Lining, CIPP, 10"	1,597	\$22.25	\$35,533.25		672.00		672.00	\$14,952.00	\$14,952.00
5	LF	4050-108-A-0 Pipe Lining, CIPP, 12"	1,760	\$30.00	\$52,800.00		1434.00		1434.00	\$43,020.00	\$43,020.00
6	EA	4050-108-C-1 Spot Repairs by Count, Sanitary Sewer	14	\$6,695.00	\$93,730.00	\$1,819.81	4.00		4.00	\$26,780.00	\$28,599.81
7	LF	4050-108-C-2 Spot Repairs by Pipe Replacement, Sanitary Sewer	165	\$92.70	\$15,295.50	\$255.75	63.50		63.50	\$5,886.45	\$6,142.20
8	EA	XXXX-XXX-X-X Remote Point Repair	17	\$175.00	\$2,975.00		3.00		3.00	\$525.00	\$525.00
9	LF	4050-108-D-0 Inspection and Cleaning of Sanitary Sewer, 8" Dia.	868	\$2.50	\$2,170.00		886.00		886.00	\$2,215.00	\$2,215.00
10	LF	4050-108-D-0 Inspection and Cleaning of Sanitary Sewer, 10" Dia.	1,597	\$2.50	\$3,992.50		672.00		672.00	\$1,680.00	\$1,680.00
11	LF	4050-108-D-0 Inspection and Cleaning of Sanitary Sewer, 12" Dia.	1,760	\$2.50	\$4,400.00		1434.00		1434.00	\$3,585.00	\$3,585.00
12	EA	4050-108-E-0 Reinstatement of Services	143	\$80.00	\$11,440.00		47.00		47.00	\$3,760.00	\$3,760.00
13	LF	4050-108-F-0 Post Inspection of CIPP Sewer, 8" Dia.	868	\$0.50	\$434.00		886.00		886.00	\$443.00	\$443.00
14	LF	4050-108-F-0 Post Inspection of CIPP Sewer, 10" Dia.	1,597	\$0.50	\$798.50		672.00		672.00	\$336.00	\$336.00
15	LF	4050-108-F-0 Post Inspection of CIPP Sewer, 12" Dia.	1,760	\$0.50	\$880.00		1434.00		1434.00	\$717.00	\$717.00
16	EA	6010-108-E-0 Manhole Adjustment, Minor	1	\$1,380.00	\$1,380.00		0.00		0.00	\$0.00	\$0.00
17	LS	7010-108-I-0 PCC Pavement Samples and Testing	1	\$2,000.00	\$2,000.00		0.25		0.25	\$500.00	\$500.00
18	SY	7030-108-A-0 Removal of Driveway	75	\$20.60	\$1,545.00		31.11		31.11	\$640.87	\$640.87
19	SY	7030-108-H-1 Driveway, Paved, PCC, 6" Thick	75	\$92.70	\$6,952.50		31.11		31.11	\$2,883.90	\$2,883.90
20	SY	7040-108-A-0 Full Depth Patches, 7" Thick P.C.C.	570	\$95.00	\$54,150.00		192.55		192.55	\$18,292.25	\$18,292.25
21	TON	7040-108-B-0 Subbase Over-excavation, 6"	155	\$36.05	\$5,587.75		82.70		82.70	\$2,981.34	\$2,981.34
22	LS	9010-108-A-0 Conventional Seeding, Seeding, Fertilizing and Mulching	1	\$824.00	\$824.00		0.00		0.00	\$0.00	\$0.00
23	LS	11,020-108-A Mobilization	1	\$8,000.00	\$8,000.00		0.50		0.50	\$4,000.00	\$4,000.00
24	LF	XXXX-XXX-X-X Traffic Control	1	\$7,000.00	\$7,000.00		0.50		0.50	\$3,500.00	\$3,500.00
	LF	CO #2 - 5. Pipe Lining, CIPP, 6"	261	\$28.00	\$7,308.00		0.00		0.00	\$0.00	\$0.00
	LF	CO #2 - 6. Inspection and Cleaning of Sanitary Sewer, 6" Dia.	261	\$4.00	\$1,044.00		266.00		266.00	\$1,064.00	\$1,064.00
	LF	CO #2 - 7. Post Inspection of CIPP Sewer, 6" Dia.	261	\$0.50	\$130.50		0.00		0.00	\$0.00	\$0.00
		<b>TOTAL - DIVISION 2 REHABILITATION OPTION 2</b>			<b>\$351,103.50</b>	<b>\$4,466.78</b>				<b>\$162,559.21</b>	<b>\$167,025.99</b>

Pay Application 7  
Sanitary Sewer System Improvements  
Phase 3  
Division 2: Manhole Rehabilitation, CIPP and Spot Repairs  
Oskaloosa, Iowa - 2019

Rehabilitation Option 3

No.	Item	Unit	Estimated Quantity	Unit Price	Extended Price	Stored Materials	Previous Application	This Period	Total Completed	Extended Price	Extended Price Plus Stored Materials
1	3010-108-F-0 Trench Compaction Testing: Sanitary and Storm Sewer	LS	1	\$824.00	\$824.00		0.25		0.25	\$206.00	\$206.00
2	4010-108-E-0 Sanitary Sewer Service Sub, PVC, 4" or 6"	LF	50	\$30.90	\$1,545.00	\$517.69	8.00		8.00	\$247.20	\$764.89
3	4050-108-A-0 Pipe Lining, CIPP, 10"	LF	734	\$21.50	\$15,781.00		737.00		737.00	\$15,845.50	\$15,845.50
4	4050-108-A-0 Pipe Lining, CIPP, 12"	LF	572	\$28.00	\$16,016.00		580.00		580.00	\$16,240.00	\$16,240.00
5	4050-108-A-1 Pipe Lining, CIPP, 18"	LF	460	\$54.00	\$24,840.00					\$0.00	\$0.00
6	4050-108-C-1 Spot Repairs by Count, Sanitary Sewer	EA	8	\$6,695.00	\$33,560.00	\$1,273.87	1.00		1.00	\$6,695.00	\$7,968.87
7	4050-108-C-1 Spot Repairs by Count, Storm Sewer	EA	1	\$3,605.00	\$3,605.00		1.00		1.00	\$3,605.00	\$3,605.00
8	4050-108-C-2 Spot Repairs by Pipe Replacement, Sanitary Sewer	LF	90	\$82.40	\$7,416.00	\$169.10	14.50		14.50	\$1,194.80	\$1,363.90
9	4050-108-C-2 Spot Repairs by Pipe Replacement, Storm Sewer	LF	20	\$103.00	\$2,060.00		22.00		22.00	\$2,266.00	\$2,266.00
10	XXXX-XXX-X-X Remote Point Repair	EA	8	\$175.00	\$1,400.00		7.00		7.00	\$1,225.00	\$1,225.00
11	4050-108-D-0 Inspection and Cleaning of Sanitary Sewer, 10" Dia.	LF	734	\$2.50	\$1,835.00		737.00		737.00	\$1,842.50	\$1,842.50
12	4050-108-D-0 Inspection and Cleaning of Sanitary Sewer, 12" Dia.	LF	572	\$2.50	\$1,430.00		580.00		580.00	\$1,450.00	\$1,450.00
13	4050-108-D-0 Inspection and Cleaning of Sanitary Sewer, 18" Dia.	LF	460	\$3.50	\$1,610.00					\$0.00	\$0.00
14	4050-108-E-0 Reinstatement of Services	EA	49	\$80.00	\$3,920.00		37.00		37.00	\$2,960.00	\$2,960.00
15	4050-108-F-0 Post Inspection of CIPP Sewer, 10" Dia.	LF	734	\$0.50	\$367.00		737.00		737.00	\$368.50	\$368.50
16	4050-108-F-0 Post Inspection of CIPP Sewer, 12" Dia.	LF	572	\$0.50	\$286.00		580.00		580.00	\$290.00	\$290.00
17	4050-108-F-0 Post Inspection of CIPP Sewer, 18" Dia.	LF	460	\$0.50	\$230.00					\$0.00	\$0.00
18	5010-108-E-1 Water Service Pipe, Type K Copper, 1"	LF	20	\$20.60	\$412.00		20.00		20.00	\$412.00	\$412.00
19	5010-108-E-2 Water Service Curb Stop and Box, 1"	EA	1	\$206.00	\$206.00		1.00		1.00	\$206.00	\$206.00
20	5010-108-E-3 Water Service Corporation, 1"	EA	1	\$412.00	\$412.00		1.00		1.00	\$412.00	\$412.00
21	5020-108-C-0 Fire Hydrant Assembly - Install Only	EA	1	\$5,150.00	\$5,150.00		1.00		1.00	\$5,150.00	\$5,150.00
22	5020-108-I-0 Fire Hydrant Assembly Removal	EA	1	\$412.00	\$412.00		1.00		1.00	\$412.00	\$412.00
23	6010-108-E-0 Manhole Adjustment, Minor	EA	3	\$1,380.00	\$4,140.00		1.00		1.00	\$1,380.00	\$1,380.00
24	6010-108-F-0 Manhole Adjustment, Major	EA	1	\$1,725.00	\$1,725.00		1.00		1.00	\$1,725.00	\$1,725.00
25	6020-108-A-0 Infiltration Barrier (Chimney Seal, Rubber)	EA	54	\$690.00	\$37,260.00		11.00		11.00	\$7,590.00	\$7,590.00
26	6020-108-B-0 In-Situ Manhole Replacement, Cast-In-Place Concrete	VF	171	\$316.25	\$54,078.75		71.00		71.00	\$22,453.75	\$22,453.75
27	6020-108-D-0 Manhole Lining with Centrifugally Cast Cementitious Mortar Liner with Epoxy Seal	VF	265	\$375.00	\$99,375.00					\$0.00	\$0.00
28	XXXX-XXX-X-X Manhole Invert Replacement	EA	14	\$1,035.00	\$14,490.00					\$0.00	\$0.00
29	XXXX-XXX-X-X Internal Drop Connection, 4"	EA	9	\$650.00	\$5,850.00					\$0.00	\$0.00
30	XXXX-XXX-X-X Internal Drop Connection, 6"	EA	6	\$700.00	\$4,200.00					\$0.00	\$0.00
31	7010-108-I-0 PCC Pavement Samples and Testing	LS	1	\$2,000.00	\$2,000.00		0.50		0.50	\$1,000.00	\$1,000.00
32	7030-108-A-0 Removal of Driveway	SY	10	\$20.46	\$204.60		23.33		23.33	\$477.33	\$477.33
33	7030-108-H-1 Driveway, Paved, PCC, 6" Thick	SY	10	\$92.07	\$920.70		23.33		23.33	\$2,147.99	\$2,147.99
34	7040-108-A-0 Full Depth Patches, 7" Thick P.C.C.	SY	501	\$95.00	\$47,595.00		136.09		136.09	\$12,928.55	\$12,928.55
35	7040-108-A-0 Full Depth Patches, 12" Thick Max., P.C.C.	SY	3	\$145.00	\$435.00		16.00		16.00	\$2,320.00	\$2,320.00
36	7040-108-B-0 Subbase Over-excavation, 6"	TON	136	\$36.05	\$4,902.80		26.35		26.35	\$949.92	\$949.92
37	9010-108-A-0 Conventional Seeding; Seeding, Fertilizing and Mulching	LS	1	\$618.00	\$618.00					\$0.00	\$0.00
38	11,020-108-A Mobilization	LS	1	\$4,250.00	\$4,250.00		0.25		0.25	\$1,062.50	\$1,062.50
39	XXXX-XXX-X-X Traffic Control	LS	1	\$10,000.00	\$10,000.00		0.25		0.25	\$2,500.00	\$2,500.00
<b>TOTAL - DIVISION 2 REHABILITATION OPTION 3</b>						<b>\$1,960.66</b>				<b>\$115,837.54</b>	<b>\$117,798.20</b>
						<b>\$435,161.85</b>					

Pay Application 7  
 Sanitary Sewer System Improvements  
 Phase 3  
 Division 2: Manhole Rehabilitation, CIPP and Spot Repairs  
 Oskaloosa, Iowa - 2019

Rehabilitation Option 4

No.	Unit	Item	Estimated Quantity	Unit Price	Extended Price	Stored Materials	Previous Application	This Period	Total Completed	Extended Price	Extended Price Plus Stored Materials
1	LS	3010-108-F-0 Trench Compaction Testing - Sanitary and Storm Sewer	1	\$412.00	\$412.00				0.00	\$0.00	\$0.00
2	LF	4010-108-E-0 Sanitary Sewer Service Stub, PVC, 4" or 6"	20	\$30.90	\$618.00	\$61.63	15.00		15.00	\$463.50	\$525.13
3	LF	4050-108-A-0 Pipe Lining, CIPP, 8"	1,691	\$21.75	\$36,779.25		802.00		802.00	\$17,443.50	\$17,443.50
4	LF	4050-108-A-0 Pipe Lining, CIPP, 10"	183	\$46.00	\$8,418.00		185.00		185.00	\$8,510.00	\$8,510.00
5	LF	4050-108-A-0 Pipe Lining, CIPP, 12"	1,380	\$28.80	\$39,744.00		773.00		773.00	\$22,262.40	\$22,262.40
6	EA	4050-108-C-1 Spot Repairs by Count, Sanitary Sewer	10	\$6,695.00	\$66,950.00	\$1,819.81			0.00	\$0.00	\$1,819.81
7	EA	4050-108-C-2 Spot Repairs by Pipe Replacement, Sanitary Sewer	120	\$92.70	\$11,124.00	\$302.37			0.00	\$0.00	\$302.37
8	EA	XXXX-XXX-X-X Remote Point Repair	13	\$175.00	\$2,275.00		4.00		4.00	\$700.00	\$700.00
9	LF	4050-108-D-0 Inspection and Cleaning of Sanitary Sewer, 8" Dia.	1,691	\$2.50	\$4,227.50		882.00		882.00	\$2,205.00	\$2,205.00
10	LF	4050-108-D-0 Inspection and Cleaning of Sanitary Sewer, 10" Dia.	183	\$2.50	\$457.50		295.00		295.00	\$737.50	\$737.50
11	LF	4050-108-D-0 Inspection and Cleaning of Sanitary Sewer, 12" Dia.	1,380	\$2.50	\$3,450.00		773.00		773.00	\$1,932.50	\$1,932.50
12	EA	4050-108-E-0 Reinstatement of Services	71	\$80.00	\$5,680.00		43.00		43.00	\$3,440.00	\$3,440.00
13	LF	4050-108-F-0 Post Inspection of CIPP Sewer, 8" Dia.	1,691	\$0.50	\$845.50		802.00		802.00	\$401.00	\$401.00
14	LF	4050-108-F-0 Post Inspection of CIPP Sewer, 10" Dia.	183	\$0.50	\$91.50		185.00		185.00	\$92.50	\$92.50
15	LF	4050-108-F-0 Post Inspection of CIPP Sewer, 12" Dia.	1,380	\$0.50	\$690.00		773.00		773.00	\$386.50	\$386.50
16	EA	6010-108-A-0 Manhole Type SW-301, 48" Dia.	2	\$13,390.00	\$26,780.00	\$1,685.10	1.00		1.00	\$13,390.00	\$15,075.10
17	EA	6010-108-E-0 Manhole Adjustment, Minor	1	\$1,380.00	\$1,380.00		1.00		1.00	\$1,380.00	\$1,380.00
18	EA	6020-108-A-0 Infiltration Barrier (Chimney Seal, Rubber)	22	\$690.00	\$15,180.00		2.00		2.00	\$1,380.00	\$1,380.00
19	VF	6020-108-B-0 In-Situ Manhole Replacement, Cast-In-Place Concrete Manhole Lining with Centrifugally Cast Cementitious Mortar	46	\$316.25	\$14,547.50		31.50		31.50	\$9,961.88	\$9,961.88
20	VF	6020-108-D-0 Liner with Epoxy Seal	103	\$375.00	\$38,625.00				0.00	\$0.00	\$0.00
21	EA	XXXX-XXX-X-X Manhole Invert Replacement	3	\$1,035.00	\$3,105.00		3.00		3.00	\$3,105.00	\$3,105.00
22	EA	XXXX-XXX-X-X Seal Manhole Joints and Pipe Penetrations	5	\$660.00	\$3,300.00		5.00		5.00	\$3,300.00	\$3,300.00
23	EA	XXXX-XXX-X-X Internal Drop Connection, 4"	3	\$650.00	\$1,950.00				0.00	\$0.00	\$0.00
24	LS	7010-108-I-0 PCC Pavement Samples and Testing	1	\$1,600.00	\$1,600.00		0.25		0.25	\$400.00	\$400.00
25	SY	7040-108-A-0 Full Depth Patches, 7" Thick P.C.C.	750	\$95.00	\$71,250.00		78.91		78.91	\$7,496.45	\$7,496.45
26	SY	7040-108-A-0 Full Depth Patches, 12" Thick Max., P.C.C.	12	\$145.00	\$1,740.00				0.00	\$0.00	\$0.00
27	TON	7040-108-B-0 Subbase Over-excavation, 6"	220	\$36.05	\$7,931.00		12.77		12.77	\$460.36	\$460.36
28	LS	9010-108-A-0 Conventional Seeding, Seeding, Fertilizing and Mulching	1	\$618.00	\$618.00		0.50		0.50	\$0.00	\$0.00
29	LS	11,020-108-A Mobilization	1	\$4,100.00	\$4,100.00		0.50		0.50	\$2,050.00	\$2,050.00
30	LS	XXXX-XXX-X-X Traffic Control	1	\$10,500.00	\$10,500.00		0.50		0.50	\$5,250.00	\$5,250.00
	LS	CO #2 - 11, NW-A84-10 to NW-A165 Transition Liner	1	\$1,800.00	\$1,800.00	\$3,868.91	1.00		1.00	\$1,800.00	\$1,800.00
		<b>TOTAL - DIVISION 2 REHABILITATION OPTION 4</b>			<b>\$386,168.75</b>	<b>\$3,868.91</b>				<b>\$108,548.09</b>	<b>\$112,417.00</b>

TOTAL CONTRACT AMOUNT \$2,656,889.70 TOTAL COMPLETED \$1,467,280.71