

**Memorandum
Public Works Department**



To: City Manager
Subject: 2011 Joint Sewer Lining Program, Project 2571
Date: August 2, 2011
Number: 2011-237

The Engineering Division opened bids for the above referenced project on Tuesday, August 2, 2011. A copy of the bid tabulation is attached.

The invitation for bid was advertised in the Rock Island Argus on July 19, 2011, and July 20, 2011. The following contractors were contacted:

Michaels Pipe Services	American Pipelines
Kenny Construction	Visu-Sewer
SAK Construction	Municipal Pipe Tool
Hoerr Construction	Instituform Midwest

The low bid is from Hoerr Construction, Inc, in the amount of \$488,285.00. The bid for the City of Rock Island portion is \$142,647.50, which is 8% below the engineer's estimate of \$155,168.00.

Recommendation

The Public Works Department recommends that the City Council award the bid to Hoerr Construction, Inc in the amount of \$142,647.50.

Vendor: Hoerr Construction Inc
Contract Amount: \$142,647.50

Fund:	506	Wastewater Operations & Maintenance
Division:	619	Utilities Maintenance
Cost Center:	346	Waste Water Collection Maintenance
Object Class:	56311	Wastewater System Improvement
Project:	2571	Joint Sewer Lining Project

Requisition Number:
Purchase Order Number:

Submitted by: Robert T. Hawes, P.E., Assistant City Manager/Public Works Director
Michael J. Kane, P.E., City Engineer

Approved by: John C. Phillips, City Manager

City of Rock Island - Public Works Department - Engineering Division

Schedule of Prices

Project: 2011 Joint Sewer Lining Program For East Moline, Coal Valley, Silvis, Cambridge, and Rock Island

Job No. 2571

Bid Date: Tuesday, August 2, 2011 at 9:00 A.M.

Engineer's Estimate

Hoerr Construction, Inc.
1601-D W. Luthy Dr.
Peoria, IL 61612

Insituform Technologies
USA, Inc.
17988 Edison Avenue
Chesterfield, MO 63005

Item No.	Description	Quantity	Units	Unit Price	Total	Unit Price	Total	Unit Price	Total
EAST MOLINE STORM SEWER									
1	Sewer Lining, 2nd St Ct 3687, 15"	100	LF	\$90.00	\$9,000.00	\$70.00	\$7,000.00	\$113.00	\$11,300.00
EAST MOLINE SEWER (SANITARY)									
2	Sewer Lining, 40th Av 1st St to Kennedy Dr, 8"	1030	LF	\$24.50	\$25,235.00	\$21.50	\$22,145.00	\$26.00	\$26,780.00
3	Reinstate Services, 40th Avenue 1st St to Kennedy Dr	32	EACH	\$110.00	\$3,520.00	\$90.00	\$2,880.00	\$67.00	\$2,144.00
4	Sewer Lining, 23rd Avenue 5th St east to ravine, 8"	400	LF	\$27.00	\$10,800.00	\$21.50	\$8,600.00	\$25.00	\$10,000.00
5	Reinstate Services, 23rd Avenue 5th St east to ravine	5	EACH	\$110.00	\$550.00	\$90.00	\$450.00	\$96.00	\$480.00
6	Sewer Lining, 25th Avenue Kennedy Dr to 4th St A, 8"	700	LF	\$24.50	\$17,150.00	\$21.50	\$15,050.00	\$28.00	\$19,600.00
7	Reinstate Services, 25th Avenue Kennedy Dr to 4th St A	17	EACH	\$110.00	\$1,870.00	\$90.00	\$1,530.00	\$77.00	\$1,309.00
8	Sewer Lining, 5th St from 24th Av Ct to 2357 then west to manhole in ravine, 8"	1080	LF	\$27.00	\$29,160.00	\$21.50	\$23,220.00	\$29.00	\$31,320.00
9	Reinstate Services, 5th St from 24th Av Ct to 2357 then west to manhole in ravine	16	EACH	\$110.00	\$1,760.00	\$90.00	\$1,440.00	\$82.00	\$1,312.00
10	Traffic Control	1	LF	\$1,000.00	\$1,000.00	\$750.00	\$750.00	\$1,404.00	\$1,404.00
Subtotals for East Moline Sewer (Items 1 to 10):					\$100,045.00		\$83,065.00		\$105,649.00
COAL VALLEY SEWER (SANITARY)									
11	Sewer Lining, MH7 to MH8, 8"	375	LF	\$23.00	\$8,625.00	\$21.50	\$8,062.50	\$25.00	\$9,375.00
12	Reinstate Services, MH7 to MH8	1	EACH	\$100.00	\$100.00	\$90.00	\$90.00	\$118.00	\$118.00
13	Sewer Lining, MH8 to MH9, 8"	275	LF	\$23.00	\$6,325.00	\$21.50	\$5,912.50	\$25.00	\$6,875.00
14	Reinstate Services, MH8 to MH9	3	EACH	\$100.00	\$300.00	\$90.00	\$270.00	\$118.00	\$354.00
15	Sewer Lining, MH12 to MH13, 8"	336	LF	\$23.00	\$7,728.00	\$21.50	\$7,224.00	\$27.00	\$9,072.00
16	Reinstate Services, MH12 to MH13	8	EACH	\$100.00	\$800.00	\$90.00	\$720.00	\$78.00	\$624.00
17	Sewer Lining, MH18 to MH21, 12"	322	LF	\$32.50	\$10,465.00	\$27.50	\$8,855.00	\$34.00	\$10,948.00
18	Reinstate Services, MH18 to MH21	1	EACH	\$100.00	\$100.00	\$90.00	\$90.00	\$322.00	\$322.00
19	Sewer Lining, MH21 to MH28, 12"	350	LF	\$32.50	\$11,375.00	\$27.50	\$9,625.00	\$34.00	\$11,900.00
20	Reinstate Services, MH21 to MH28	1	EACH	\$100.00	\$100.00	\$90.00	\$90.00	\$322.00	\$322.00
21	Sewer Lining, MH28 to MH33, 12"	340	LF	\$32.50	\$11,050.00	\$27.50	\$9,350.00	\$37.00	\$12,580.00
22	Reinstate Services, MH28 to MH33	1	EACH	\$100.00	\$100.00	\$90.00	\$90.00	\$265.00	\$265.00
23	Sewer Lining, MH31A to MH31, 8"	173	LF	\$23.00	\$3,979.00	\$21.50	\$3,719.50	\$29.00	\$5,017.00
24	Reinstate Services, MH31A to MH31	1	EACH	\$100.00	\$100.00	\$90.00	\$90.00	\$155.00	\$155.00
25	Sewer Lining, MH31 to MH32, 8"	128	LF	\$23.00	\$2,944.00	\$21.50	\$2,752.00	\$29.00	\$3,712.00
26	Reinstate Services, MH31 to MH32	1	EACH	\$100.00	\$100.00	\$90.00	\$90.00	\$155.00	\$155.00
27	Traffic Control	1	LS	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$1,123.00	\$1,123.00
Subtotals for Coal Valley Sewer (Items 11 to 27):					\$65,191.00		\$57,530.50		\$72,917.00
SILVIS SEWER (STORM)									
28	Sewer Lining, 1301 First Ave (Under Pro Build), 36"	210	LF	\$170.00	\$35,700.00	\$141.00	\$29,610.00	\$224.00	\$47,040.00
SILVIS SEWER (SANITARY)									
29	Sewer Lining, 10th St between Hospital Road to Trunk, 10"	622	LF	\$29.00	\$18,038.00	\$24.50	\$15,239.00	\$32.00	\$19,904.00
30	Reinstate Services, 10th St between 22nd Ave to Trunk	2	EACH	\$110.00	\$220.00	\$90.00	\$180.00	\$260.00	\$520.00
31	Sewer Lining, 1st Ave between 7th St to 9th St, 12"	729	LF	\$34.00	\$24,786.00	\$27.50	\$20,047.50	\$37.00	\$26,973.00
32	Reinstate Services, 1st Ave between 7th St to 9th St	1	EACH	\$110.00	\$110.00	\$90.00	\$90.00	\$269.00	\$269.00
33	Sewer Lining, 14th St between 2nd Ave to 4th Ave, 8"	1,016	LF	\$24.50	\$24,892.00	\$21.50	\$21,844.00	\$25.00	\$25,400.00
34	Reinstate Services, 14th St between 2nd Ave to 4th Ave	25	EACH	\$110.00	\$2,750.00	\$90.00	\$2,250.00	\$73.00	\$1,825.00
35	Traffic Control	1	LS	\$1,000.00	\$1,000.00	\$750.00	\$750.00	\$1,521.00	\$1,521.00
Subtotals for Silvis Sewer (Items 28 to 35):					\$107,496.00		\$90,010.50		\$123,452.00

City of Rock Island - Public Works Department - Engineering Division

Schedule of Prices

Project: 2011 Joint Sewer Lining Program For East Moline, Coal Valley, Silvis, Cambridge, and Rock Island

Job No. 2571

Bid Date: Tuesday, August 2, 2011 at 9:00 A.M.

Engineer's Estimate

Hoerr Construction, Inc.
1601-D W. Luthy Dr.
Peoria, IL 61612

Insituform Technologies
USA, Inc.
17988 Edison Avenue
Chesterfield, MO 63005

Item No.	Description	Quantity	Units	Unit Price	Total	Unit Price	Total	Unit Price	Total
CAMBRIDGE SEWER (SANITARY)									
36	Sewer Lining, N15A1 to N15A, 8"	466	LF	\$23.00	\$10,718.00	\$21.50	\$10,019.00	\$26.00	\$12,116.00
37	Reinstate Services, N15A1 to N15A	4	EACH	\$100.00	\$400.00	\$90.00	\$360.00	\$111.00	\$444.00
38	Sewer Lining, N15C to N15B, 8"	464	LF	\$23.00	\$10,672.00	\$21.50	\$9,976.00	\$25.00	\$11,600.00
39	Reinstate Services, N15C to N15B	7	EACH	\$100.00	\$700.00	\$90.00	\$630.00	\$85.00	\$595.00
40	Sewer Lining, N15C to LHN17B, 8"	311	LF	\$23.00	\$7,153.00	\$21.50	\$6,686.50	\$28.00	\$8,708.00
41	Reinstate Services, N15C to LHN17B	3	EACH	\$100.00	\$300.00	\$90.00	\$270.00	\$121.00	\$363.00
42	Sewer Lining, N15A to N15, 8"	491	LF	\$23.00	\$11,293.00	\$21.50	\$10,556.50	\$25.00	\$12,275.00
43	Reinstate Services, N15A to N15	9	EACH	\$100.00	\$900.00	\$90.00	\$810.00	\$78.00	\$702.00
44	Sewer Lining, N1B to N1A, 8"	341	LF	\$23.00	\$7,843.00	\$21.50	\$7,331.50	\$27.00	\$9,207.00
45	Reinstate Services, N1B to N1A	6	EACH	\$100.00	\$600.00	\$90.00	\$540.00	\$87.00	\$522.00
46	Sewer Lining, N1C to N1B, 8"	399	LF	\$23.00	\$9,177.00	\$21.50	\$8,578.50	\$25.00	\$9,975.00
47	Reinstate Services, N1C to N1B	10	EACH	\$100.00	\$1,000.00	\$90.00	\$900.00	\$74.00	\$740.00
48	Sewer Lining, SS9 to SS8, 8"	23	LF	\$23.00	\$529.00	\$21.50	\$494.50	\$226.00	\$5,198.00
49	Sewer Lining, N8H to N8G, 8"	386	LF	\$23.00	\$8,878.00	\$21.50	\$8,299.00	\$27.00	\$10,422.00
50	Reinstate Services, N8H to N8G	3	EACH	\$100.00	\$300.00	\$90.00	\$270.00	\$126.00	\$378.00
51	Sewer Lining, SS3 to SS2, 8"	164	LF	\$23.00	\$3,772.00	\$21.50	\$3,526.00	\$44.00	\$7,216.00
52	Sewer Lining, SS4 to SS3, 8"	399	LF	\$23.00	\$9,177.00	\$21.50	\$8,578.50	\$27.00	\$10,773.00
53	Sewer Lining, SS7 to SS6, 8"	382	LF	\$23.00	\$8,786.00	\$21.50	\$8,213.00	\$27.00	\$10,314.00
54	Reinstate Services, SS7 to SS6	1	EACH	\$100.00	\$100.00	\$90.00	\$90.00	\$272.00	\$272.00
55	Sewer Lining, SS8 to SS7, 8"	333	LF	\$23.00	\$7,659.00	\$21.50	\$7,159.50	\$29.00	\$9,657.00
56	Sewer Lining, SS10 to SS9, 8"	370	LF	\$23.00	\$8,510.00	\$21.50	\$7,955.00	\$27.00	\$9,990.00
57	Reinstate Services, SS10 to SS9	1	EACH	\$100.00	\$100.00	\$90.00	\$90.00	\$270.00	\$270.00
58	Sewer Lining, N8I to N8H, 8"	292	LF	\$23.00	\$6,716.00	\$21.50	\$6,278.00	\$31.00	\$9,052.00
59	Reinstate Services, N8I to N8H	2	EACH	\$100.00	\$200.00	\$90.00	\$180.00	\$154.00	\$308.00
60	Sewer Lining, ST4 to ST4A, 8"	300	LF	\$23.00	\$6,900.00	\$21.50	\$6,450.00	\$30.00	\$9,000.00
61	Reinstate Services, ST4 to ST4A	6	EACH	\$100.00	\$600.00	\$90.00	\$540.00	\$86.00	\$516.00
62	Traffic Control	1	LS	\$1,000.00	\$1,000.00	\$250.00	\$250.00	\$1,670.00	\$1,670.00
Subtotals for Cambridge Sewer (Items 36 to 62):					\$123,983.00		\$115,031.50		\$152,283.00
ROCK ISLAND SEWER (SANITARY)									
63	Sewer Lining, MH1592 to MH1487, 10"	348	LF	\$27.00	\$9,396.00	\$24.50	\$8,526.00	\$30.00	\$10,440.00
64	Reinstate Services, MH1592 to MH1487	4	EACH	\$100.00	\$400.00	\$90.00	\$360.00	\$105.00	\$420.00
65	Sewer Lining, MH1487 to MH1414, 10"	357	LF	\$27.00	\$9,639.00	\$24.50	\$8,746.50	\$30.00	\$10,710.00
66	Reinstate Services, MH1487 to MH1414	4	EACH	\$100.00	\$400.00	\$90.00	\$360.00	\$106.00	\$424.00
67	Protruding Lateral Removal, MH1487 to MH1414	1	EACH	\$150.00	\$150.00	\$200.00	\$200.00	\$129.00	\$129.00
68	Sewer Lining, MH1414 to MH1263, 12"	357	LF	\$32.50	\$11,602.50	\$27.50	\$9,817.50	\$34.00	\$12,138.00
69	Reinstate Services, MH1414 to MH1263	3	EACH	\$100.00	\$300.00	\$90.00	\$270.00	\$124.00	\$372.00
70	Sewer Lining, MH1263 to MH1172, 12"	216	LF	\$32.50	\$7,020.00	\$27.50	\$5,940.00	\$32.00	\$6,912.00
71	Reinstate Services, MH1263 to MH1172	1	EACH	\$100.00	\$100.00	\$90.00	\$90.00	\$169.00	\$169.00
72	Sewer Lining, MH1172 to MH4996, 12"	245	LF	\$32.50	\$7,962.50	\$27.50	\$6,737.50	\$32.00	\$7,840.00
73	Reinstate Services, MH1172 to MH4996	1	EACH	\$100.00	\$100.00	\$90.00	\$90.00	\$169.00	\$169.00
74	Sewer Lining, MH4819 to MH2439, 8"	607	LF	\$23.00	\$13,961.00	\$21.50	\$13,050.50	\$25.00	\$15,175.00
75	Reinstate Services, MH4819 to MH2439	29	EACH	\$100.00	\$2,900.00	\$90.00	\$2,610.00	\$61.00	\$1,769.00
76	Protruding Lateral Removal, MH4819 to MH2439	2	EACH	\$150.00	\$300.00	\$200.00	\$400.00	\$129.00	\$258.00
77	Sewer Lining, MH2551 to MH2695, 8"	505	LF	\$23.00	\$11,615.00	\$21.50	\$10,857.50	\$26.00	\$13,130.00
78	Reinstate Services, MH2551 to MH2695	22	EACH	\$100.00	\$2,200.00	\$90.00	\$1,980.00	\$63.00	\$1,386.00

City of Rock Island - Public Works Department - Engineering Division

Schedule of Prices

Project: 2011 Joint Sewer Lining Program For East Moline, Coal Valley, Silvis, Cambridge, and Rock Island

Job No. 2571

Bid Date: Tuesday, August 2, 2011 at 9:00 A.M.

				Engineer's Estimate		Hoerr Construction, Inc. 1601-D W. Luthy Dr. Peoria, IL 61612		Insituform Technologies USA, Inc. 17988 Edison Avenue Chesterfield, MO 63005	
Item No.	Description	Quantity	Units	Unit Price	Total	Unit Price	Total	Unit Price	Total
79	Protruding Lateral Removal, MH2551 to MH2695	2	EACH	\$150.00	\$300.00	\$200.00	\$400.00	\$129.00	\$258.00
80	Sewer Lining, MH3087 to MH3093, 8"	256	LF	\$23.00	\$5,888.00	\$21.50	\$5,504.00	\$26.00	\$6,656.00
81	Reinstate Services, MH3087 to MH3093	5	EACH	\$100.00	\$500.00	\$90.00	\$450.00	\$77.00	\$385.00
82	Sewer Lining, MH3098 to MH3093, 8"	155	LF	\$23.00	\$3,565.00	\$21.50	\$3,332.50	\$26.00	\$4,030.00
83	Reinstate Services, MH3098 to MH3093	4	EACH	\$100.00	\$400.00	\$90.00	\$360.00	\$77.00	\$308.00
84	Sewer Lining, MH4347A to MH4347, 8"	105	LF	\$23.00	\$2,415.00	\$21.50	\$2,257.50	\$28.00	\$2,940.00
85	Reinstate Services, MH4347A to MH4347	3	EACH	\$100.00	\$300.00	\$90.00	\$270.00	\$81.00	\$243.00
86	Sewer Lining, MH4347 to MH4382, 8"	203	LF	\$23.00	\$4,669.00	\$21.50	\$4,364.50	\$28.00	\$5,684.00
87	Reinstate Services, MH4347 to MH4382	4	EACH	\$100.00	\$400.00	\$90.00	\$360.00	\$81.00	\$324.00
88	Protruding Lateral Removal, MH4347 to MH4382	1	EACH	\$150.00	\$150.00	\$200.00	\$200.00	\$129.00	\$129.00
89	Sewer Lining, MH4471 to MH4467, 10"	404	LF	\$27.00	\$10,908.00	\$24.50	\$9,898.00	\$30.00	\$12,120.00
90	Reinstate Services, MH4471 to MH4467	11	EACH	\$100.00	\$1,100.00	\$90.00	\$990.00	\$72.00	\$792.00
91	Protruding Lateral Removal, MH4471 to MH4467	1	EACH	\$150.00	\$150.00	\$200.00	\$200.00	\$129.00	\$129.00
92	Sewer Lining, MH4467 to MH4464, 10"	402	LF	\$27.00	\$10,854.00	\$24.50	\$9,849.00	\$30.00	\$12,060.00
93	Reinstate Services, MH4467 to MH4464	10	EACH	\$100.00	\$1,000.00	\$90.00	\$900.00	\$74.00	\$740.00
94	Protruding Lateral Removal, MH4467 to MH4464	2	EACH	\$150.00	\$300.00	\$200.00	\$400.00	\$129.00	\$258.00
95	Sewer Lining, MH4559 to MH4557, 8"	244	LF	\$23.00	\$5,612.00	\$21.50	\$5,246.00	\$24.00	\$5,856.00
96	Reinstate Services, MH4559 to MH4557	6	EACH	\$100.00	\$600.00	\$90.00	\$540.00	\$69.00	\$414.00
97	Protruding Lateral Removal, MH4559 to MH4557	2	EACH	\$150.00	\$300.00	\$200.00	\$400.00	\$129.00	\$258.00
98	Sewer Lining, MH4557 to MH4597, 8"	222	LF	\$23.00	\$5,106.00	\$21.50	\$4,773.00	\$24.00	\$5,328.00
99	Reinstate Services, MH4557 to MH4597	8	EACH	\$100.00	\$800.00	\$90.00	\$720.00	\$129.00	\$1,032.00
100	Protruding Lateral Removal, MH4557 to MH4597	1	EACH	\$150.00	\$150.00	\$200.00	\$200.00	\$129.00	\$129.00
101	Sewer Lining, MH4597 to MH4629, 8"	347	LF	\$23.00	\$7,981.00	\$21.50	\$7,460.50	\$26.00	\$9,022.00
102	Reinstate Services, MH4597 to MH4629	14	EACH	\$100.00	\$1,400.00	\$90.00	\$1,260.00	\$67.00	\$938.00
103	Protruding Lateral Removal, MH4597 to MH4629	2	EACH	\$150.00	\$300.00	\$200.00	\$400.00	\$129.00	\$258.00
104	Sewer Lining, MH4629 to MH4671, 8"	338	LF	\$23.00	\$7,774.00	\$21.50	\$7,267.00	\$27.00	\$9,126.00
105	Reinstate Services, MH4629 to MH4671	14	EACH	\$100.00	\$1,400.00	\$90.00	\$1,260.00	\$67.00	\$938.00
106	Protruding Lateral Removal, MH4629 to MH4671	2	EACH	\$150.00	\$300.00	\$200.00	\$400.00	\$129.00	\$258.00
107	Traffic Control	1	LS	\$1,000.00	\$1,000.00	\$750.00	\$750.00	\$2,456.00	\$2,456.00
108	Rock Island Report and Video Conversion	1	LS	\$1,500.00	\$1,500.00	\$2,200.00	\$2,200.00	\$515.00	\$515.00
Subtotals for Rock Island Sewer (Items 63 to 108):					\$155,168.00	\$142,647.50		\$165,025.00	
Bidder's Total Proposal =					\$551,883.00	\$488,285.00		\$619,326.00	