



Board of Alderman Request for Action

MEETING DATE: 9/6/2022

DEPARTMENT: Public Works

AGENDA ITEM: Resolution 1117 - Change Order with SAK Construction, LLC for Sanitary Sewer Rehabilitation

REQUESTED BOARD ACTION:

Motion to approve Resolution 1117, approving a Change Order with SAK Construction, LLC in the amount of \$37,548.

SUMMARY:

On May 3, 2022 the Board awarded Bid No. 22-16 to SAK Construction, LLC for the annual Sanitary Sewer Rehabilitation project. Cured in Place Pipe, also known as CIPP lining, is a method of trenchless pipe repair restoration used in existing pipe repair. This process is done to preserve the current pipes that have been damaged by leaks, cracks, intruding roots and rust. A fiberglass "sock" is saturated with an epoxy/resin and inserted into an existing pipe. Steam is sent through the liner pushing the liner against the wall of the old pipe and curing the resin. The result is a plastic liner providing a new smooth surface without intrusions such as tree roots. This also helps with infiltration into the sewer main. Finally, the service lines are re-established with a cutting tool that is sent through the pipe.

This method of maintenance is very practical, avoiding digging up mains, providing a smooth interior surface, seals cracks and leaks and provides additional structural strength to the sewer main. The original cost estimate that was approved was not to exceed \$128,408.

As part of the CIPP process, SAK performed the Pre-CCTV videoing and cleaning of the sewer lines identified in Bid No. 22-16. Upon review of the videos, there are necessary point repairs in order to complete install the CIPP. There are also roots that will need trimming in order to install the CIPP. Due to the depths of the sewer lines, staff cannot perform this work since we do not have the necessary equipment for these type of repairs. Additionally, Quincy Boulevard improvements have been identified in the FY23. Quincy Boulevard will have mill & overlay, road reconstruction, sidewalk installation, stormwater improvements, and a waterline replacement. Staff is proposing to add an additional area for Pre-CCTV video and cleaning along Quincy Boulevard, so staff can review the sewer lines before the improvements take place in case there is the need to identify this area for CIPP or maintenance in the future. The total cost for the point repairs, lateral trimming, and Quincy Blvd Pre-CCTV video and cleaning is \$37,548.

The updated estimate for the entire Sanitary Sewer Rehabilitation project is \$165,956.

PREVIOUS ACTION:

Board approved Resolution 1055 for an emergency purchase on May 3, 2022 awarding Bid No. 22-16 Sanitary Sewer Rehabilitation, to SAK Construction, LLC.

POLICY ISSUE:

Infrastructure maintenance.

FINANCIAL CONSIDERATIONS:

Funds for repairs and maintenance for infrastructure are available in the Combined Water and Wastewater Systems (CWWS) budget.

ATTACHMENTS:

- | | |
|--|-----------------------------------|
| <input type="checkbox"/> Ordinance | <input type="checkbox"/> Contract |
| <input checked="" type="checkbox"/> Resolution | <input type="checkbox"/> Plans |
| <input type="checkbox"/> Staff Report | <input type="checkbox"/> Minutes |
| <input checked="" type="checkbox"/> Other: Estimate & Quincy Blvd CIP Project Page | |

RESOLUTION 1117

A RESOLUTION AUTHORIZING AND DIRECTING THE MAYOR TO EXECUTE A CHANGE ORDER WITH SAK CONSTRUCTION, LLC FOR SANITARY SEWER REHABILITATION IN THE AMOUNT OF \$37,548

WHEREAS, on May 3, 2022 the Board approved Resolution 1055 awarding Bid No. 22-16 Sanitary Sewer Rehabilitation to SAK Construction, LLC in an amount not to exceed \$128,408; and

WHEREAS, point repairs and trimming protruding laterals were identified in order to install the Cured In Place Pipe; and

WHEREAS, an additional area for Pre-CCTV video and cleaning was identified at Quincy Blvd; and

WHEREAS, the updated estimated for the sanitary sewer rehabilitation of repairs is \$165,956.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF ALDERMEN OF THE CITY OF SMITHVILLE, MISSOURI, that the Mayor is authorized to execute a Change Order with SAK Construction, LLC for point repairs, trimming protruding laterals, and additional Pre-CCTV video and cleaning in an amount of \$37,548.

PASSED AND ADOPTED by the Mayor and Board of Aldermen this 6th day of September 2022.

Damien Boley, Mayor

ATTEST:

Linda Drummond
City Clerk



636.385.1000 *tel*
 636.385.1100 *fax*
 864 Hoff Road
 O'Fallon, MO 63366
www.sakcon.com

August 31, 2022

City of Smithville, MO
107 W Main Street
Smithville, MO 64089

Re: Smithville, MO – Clean/CCTV and Point Repairs - SAK CIPP Quote

Gina Pate:

SAK Construction, LLC is pleased to offer the following quotation on the above referenced project:

Item	Description	Diameter	Quantity	Unit Price	Total Price
1	Mobilization & General Conditions		1 LS	\$7,375.00	\$7,375.00
2	8" Clean/CCTV	8	2580 LF	\$3.30	\$8,514.00
3	Segment #9 Point Repair	8	1 LS	\$10,219.00	\$10,219.00
4	#9 Additional Point Repair >10 LF	8	TBD LF	\$594.00	-
5	Segment #11 Point Repair	8	1 LS	\$11,440.00	\$11,440.00
6	#11 Additional Point Repair >10 LF	8	TBD LF	\$682.00	-
7	Trimming Protruding Laterals	8	TBD EA	\$385.00	-
Total					\$37,548.00

INCLUSIONS:

- Pipeline cleaning, measuring of pipe and diameter, televising, and service connection identification via CCTV.
- Point Repairs as Listed above.
- Traffic Control (Cones Only).
- Price includes one mobilization.
- Performance and Payment Bonds.

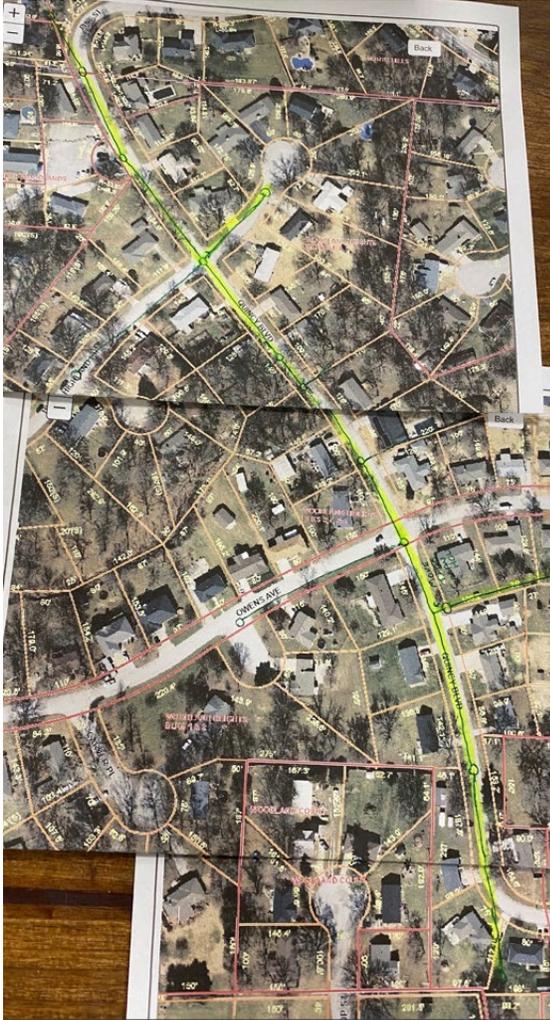
EXCLUSIONS:

- Any special insurance required, i.e., railroad protective insurance.
- Heavy Traffic Control, Traffic Control Plans, Flaggers, and Arrow Boards.
- Access into the site. We will need access for our equipment.

PAYMENT TERMS:

- Net 30 days after receipt of an invoice
- Partial monthly payments will be requested
- Final Payment in full within 30 days of completion of SAK work

Clean/CCTV SCOPE:



Thank you for the opportunity to quote on this project. Please call with any questions.

Sincerely,
SAK Construction, LLC

Brent Adams
Brent Adams

Accepted By _____
Printed Name:
Title:

Date _____

Capital Improvement Projects 2023- 2027

Project Name: Quincy Boulevard Improvements	Department: Public Works
Type of Project: Rehabilitation & Improvement	Contact: Chuck Soules
Total Project Cost: \$1,350,000	

Description:

The project will replace the aging water main and provide a loop to the system. The existing water line is a 4” line in some areas and a 6” line in other areas. Public Works will be replacing all the water lines with 8” PVC piping.

In addition to these waterline improvements, Public Works will mill and overlay Quincy Boulevard. Sidewalks will also be added to the side of Quincy Boulevard. Currently, there are not sidewalks in this area. To improve the drainage in the area, there will be new curb and gutter installed as well as new storm sewers which will improve stormwater runoff and control.



Justification:

The drainage is poor in and around Quincy Boulevard which results in the street holding water in many areas. In addition, these areas are failing and need to be repaired. Storm sewer rehabilitation will help with the existing drainage issues and prevent future damage to the repaired street. Newly installed curb and gutters will improve stormwater drainage to the storm sewer which will alleviate flooding and stormwater control problems caused by the street holding too much water. Also, the water main has incurred several breaks and has aged over time. To improve

service, the water main will need to be replaced and due to the water main improvements, the road will also need to be replaced. Sidewalks do not exist in this area and adding sidewalks will improve walkability in the area.

Impact on Operating Costs:

The project will improve maintenance costs for the road, stormwater infrastructure, and water line. There will be future costs for sidewalk maintenance since there are not currently any sidewalks in this area.

Planned Expenditures

Phase	FY 2022	FY 2023
Engineering	\$60,000	\$150,000
Quincy Boulevard Mill & Overlay	-	\$100,000
Quincy Blvd/Owen Reconstruction	-	\$150,000
Quincy Boulevard Sidewalks	-	\$200,000
Quincy Blvd Stormwater Additions	-	\$250,000
Quincy Waterline Replacement	-	\$500,000
Total	\$60,000	\$1,350,000

Funding Sources

Source	FY 2022	FY 2023
Transportation Sales Tax Fund	\$60,000	\$100,000
Capital Improvement Sales Tax Fund	-	\$150,000
General Fund	-	\$200,000
CWWS Fund	-	\$650,000
Parks & Stormwater Sales Tax Fund	-	\$250,000
Total	\$60,000	\$1,350,000

Updated: August 16, 2022