



Agenda Memorandum

Agenda Item – {{section.number}}.D.

City Council Meeting
September 9, 2024



Strategic Priority 3: Community Health and Safety

Invest in innovative and collaborative approaches to provide a continuum of services that preserve, promote, and protect the health, safety, and environment of Westminster.



Strategic Priority 5: Resilient Infrastructure

Maintain and invest in resilient infrastructure that creates the highest return for safety, community connectivity, enjoyment of life, and local economic success.

Subject: Authorize the Acting City Manager to Execute an Annual Contract for 2024 and Up to Four Additional 12-Month Renewals with Inliner Solutions, LLC, for Sanitary Sewer Collection System Trenchless Improvements

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Recommended City Council Action:

1. Authorize the Acting City Manager to execute a contract with Inliner Solutions, LLC. in an amount not to exceed \$279,000 for 2024, to rehabilitate existing small sanitary sewer lines between eight and 15 inches in diameter, and authorize a contingency in the amount of \$31,000 for a total authorized expenditure not to exceed \$310,000 in 2024.
2. Authorize the Acting City Manager to execute up to four additional 12-month renewals with Inliner Solutions, LLC., in 2025, 2026, 2027, and 2028, in amounts not to exceed \$610,000 per year, for a total authorized five-year expenditure not to exceed \$2,750,000, subject to annual budget appropriations.

Summary Statement:

The City owns and maintains approximately 400 miles of sanitary sewer pipelines. Each year pipeline segments are identified that have serious deterioration and those that are in the worst condition are selected as candidates for rehabilitation. This requested project includes lining approximately 4,000 feet of small-diameter sanitary sewer pipelines in the Westminster Hills subdivision. The technology

used in this process has proven to be successful and is minimally disruptive for residents and traffic. Staff recommends that City Council authorize the award of the contract to low bidder, Inliner Solutions, LLC. (Inliner).

The project will start in the fourth quarter of 2024 and is anticipated to be complete by January 2025. Sufficient funds are available in the 2024 budget to perform this work.

Fiscal Impact:

The expenditure in 2024 will not exceed \$310,000, with anticipated budget requests not exceeding \$610,000 annually in years 2025, 2026, 2027, and 2028. If approved, the overall financial impact over a five-year period would not exceed \$2,750,000.

Source of Funds:

Utility Fund: Wastewater Collections Inspection Capital Projects

Policy Issue(s):

Should City Council authorize contract execution with Inliner for Sanitary Sewer Collection System Trenchless Improvements?

Alternative(s):

1. City Council could choose to delay the Collection System Trenchless Improvement Construction Contract. This is not recommended as the City risks additional sanitary sewer failures and damages that may occur due to line collapse.
2. City Council could choose to reject all the construction bids and rebid the project. The City received three bids from qualified companies. It is unlikely that new bids would be lower or that the City would receive more bids.
3. City Council could choose to not authorize the project. This alternative is not recommended as the sanitary sewer pipelines selected for this project are severely deteriorated and require rehabilitation to function reliably.

Background Information:

The City's sanitary sewer collection system consists of approximately 400 miles of collection pipelines that transport sewage to the treatment facilities. These pipes deteriorate over time due to a variety of factors including the presence of hydrogen sulfide gas that wears away the concrete mortar and causes leaks and corrosion along the top of the pipe. This damage can eventually lead to structural failure and collapse.

Each year, Staff identifies the pipes that exhibit the most serious deterioration, based on a numerical condition rating assigned during an annual inspection of the wastewater collection system. The most severely deteriorated pipes are then selected for rehabilitation. To achieve the required pipe rehabilitation, a Cured-In-Place Pipe (CIPP) trenchless technology is used, which allows for repairing pipes without necessitating an open trench repair. This rehabilitation process has been a reliable repair method utilized by the City in the past years and is minimally disruptive to residents and traffic. The 2024 Collection System Trenchless Improvements Project/Lining contract will repair the most serious defects in approximately 4,000 feet of small diameter pipe between eight and 15 inches

around the City.

The 2024 Collection System Trenchless Improvements Project/Lining contract was posted on BidNet by the City's procurement team and bids were opened on July 17, 2024. Three bids were received and summarized in the following table:

Contractors	Bid Price
Inliner Solutions, LLC	\$216,384
Eco matrix	\$339,738
Insituform Technologies, Inc.	\$288,177

A review of the bids received indicated that Inliner's bid was responsible, and the dollar amount reasonable for the scope of the work. The City has used Inliner in the past for similar CIPP lining projects and has been satisfied with the quality of Inliner's work.

The Collection System Trenchless Improvements project meets two of the City's Strategic Priorities. The Strategic Priority of Community Health and Safety is met because this trenchless technology provides a rehabilitation process that is less expensive and less impactful to residents. The project also protects the health of residents and the environment by reducing the potential of a sanitary sewer overflow. The Strategic Priority of Resilient Infrastructure is met because the completion of this project will extend the useful life of these pipes by approximately 50 years.

Respectfully submitted,



Jody L. Andrews
Acting City Manager

Attachments:

- Attachment 1 – Collection System Trenchless Improvements Contract, Inliner Solution, LLC
- Attachment 2 – Contractors IFB
- Attachment 3 – Project Area Map