



MEETING OF NOVEMBER 7, 2023

TO: Mayor Jordan and City Council
THRU: Susan Norton, Chief of Staff
FROM: Tim Nyander, Utilities Director
DATE:
SUBJECT: Budget Adjustment for Clabber Creek 48-Inch Sewer Main Repair

RECOMMENDATION:

Staff recommends approval of a budget adjustment in the amount of \$344,960.00 to fund the repair of a 48-inch sewer main in the Clabber Creek area, to be completed by City crews.

BACKGROUND:

This section of the 48-in pipeline was televised in July of 2021 and did not show signs of failure. After a report of Clabber Creek disappearing in July of 2023 the line was again televised. This inspection revealed a major failure in the original Hobas pipe allowing water to enter the sewer line. In September 2023 Water/Sewer excavated to repair the failed section of line. During this excavation it was determined the scope of the repair would need to be much more extensive. Given this, only a temporary repair was completed in September.

DISCUSSION:

The Water & Sewer department has determined that replacing the existing Hobas pipe with new 48-inch PVC pipe would be the best solution at this location. Considerations included availability of 48-inch PVC pipe, the depth of the line, and the ability to install utilizing Water/Sewer staff. It is recommended this repair be completed as quickly as possible due to the high probability of failure and high cost of failure.

This repair is estimated to cost \$344,960.00 in parts, rental equipment, fuel, and a project contingency as detailed below:

\$190,000.00 – 48-in PVC pipe and material
\$81,500.00 – Sewer pump around
\$22,500.00 – Rental equipment
\$15,000.00 – Fuel
\$2,400.00 – Trench safety
\$2,200.00 – Sewer plugs
\$31,360.00 - Contingency

Repairs will be made utilizing Water/Sewer crews. The sewer pump around system must be staffed 24/7.

BUDGET/STAFF IMPACT:

A budget adjustment is attached to move funds from the Lake Sequoyah Dredging account to the Water &

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Sewer operations budget to fund the emergency repair.

ATTACHMENTS: SRF (#3), BA (#4)