



The City of NORMAN

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Date: January 18, 2018
To: Steve Lewis, City Manager
Through: Ken Komiske, Director of Utilities *K Komiske*
From: Mark Daniels, Utilities Engineer *MDaniels*
Subject: Sanitary Sewer Emergency Repairs NE of Robinson and 12th Avenue NE

Background:

On January 11, 2018, Norman Utilities Authority (NUA) staff discovered that sewage flow within an existing 8-inch vitrified clay pipe (VCP) was severely reduced due to a collapsed pipe in the 1400 block of East Robinson. Efforts to clean and televise the pipe resulted in our camera becoming lodged in the sewer pipe further blocking the wastewater flow. Our crews and equipment are not capable of making repairs to the 17-foot deep sewer at this location so an outside contractor was solicited. Urban Contractors, LLC (Urban) provided an estimate to retrieve the camera and perform a point repair at this location at a cost of \$14,200. I authorized this work to proceed on January 12 and it began on Tuesday, January 16 after locates for other public utilities were in place.

This residential subdivision is located just NE of Robinson and 12th Avenue NE, was constructed in the early 1960's and contains cracked and deteriorated VCP sewer lines. This is typical of the sewer lines replaced under the annual Sewer Maintenance Plan capital project. In fact, approximately 1,200 feet of sewer lines in this area were replaced by change order during the FYE13 SMP project. Staff has televised the remainder of this area and found that 1,250 feet of sewer north of Robinson (including the damaged area above) and 1,080 feet behind Superior Avenue are in need of emergency repair. The attached map identifies the sewers replaced previously and sewers needing emergency replacement at this time. We recommend that emergency approval be given to allow these segments to be pipe-burst preventing potential collapse with resultant sewer backups or overflows.

Discussion:

Section 8-203 of the City Code states that emergency contractual services necessary to maintain operations are exempted from the requirement that Council approve contracts more than \$25,000 prior to the signing of such contracts. Section 8-204 also exempts certain contracts for services from competitive bidding when approved by the Council as necessary for the immediate preservation of the peace, health, or safety.

Urban recently completed replacement of approximately 25,000 feet of sewer under the FYE14 SMP project bid in early 2016. This project was recently closed but due to the imminent need to replace these sewers, staff recommends a new purchase order be approved utilizing the unit prices bid by Urban as the low bidder for the FYE14 SMP project.

Urban has agreed to perform the work at the unit costs shown in the attached cost estimate. The expenditure would be ratified by Council at a later date.

The attached cost estimate illustrates the original bid prices and the estimated cost to replace these two segments as an emergency repair. As shown, 1,250 feet of sewer along Robinson can be replaced at a cost of \$89,320 and 1,080 feet along Superior Avenue can be replaced at a cost of \$75,830 for a total of \$165,150.

The Fiscal Year Ending (FYE) 2018 construction account for Sewer Maintenance Plan FYE14 contains an unencumbered balance of approximately \$1,543,000 for sanitary sewer repairs. Therefore, staff recommends the funding for this project be taken from construction account #321-9338-432.61-01, Sewer Maintenance Plan FYE14, Project WW0202. Reconciliation of this emergency project will be provided to the NUA at project completion.

Recommendation:

Staff recommends that authorization be given to Urban Contractor's LLC to complete emergency sewer repairs discussed above at an estimated cost of \$165,150.

A handwritten signature in blue ink, appearing to be 'Steve Lewis', is written over a horizontal line. To the right of the signature, the date '1-19-18' is written in blue ink.

Approved by Steve Lewis, City Manager

Enclosures: Map
Cost Estimate

Cc: Anthony Francisco, Director of Finance
Kathryn Walker, Assistant City Attorney
Brenda Hall, City Clerk
David Hager, Utilities Line Maintenance Superintendent