

# Mayor and Council Communication

DATE: 09/22/20

M&C FILE NUMBER: M&C 20-0707

LOG NAME: 60EMER54184&54186FUNDING

## **SUBJECT**

(CD 4) Authorize the Amount of \$3,500,000.00 to be Used for Increased Project Costs for the Emergency Sewer Work and Engineering Design for Trinity River Stream Bank Erosion Affecting Two 90-inch Sanitary Sewer Mains and Adopt Appropriation Ordinance

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## **RECOMMENDATION:**

It is recommended that the City Council:

1. Authorize the Amount of \$3,500,000.00 to be used for Increased Project Costs for the Emergency Sewer Work and Engineering Design for Trinity River Stream Bank Erosion Affecting Two 90-inch Sanitary Sewer Mains; and
  2. Adopt the attached Appropriation Ordinance adjusting estimated receipts and appropriations in the Sewer Capital Legacy Fund by increasing receipts and appropriations in the Emergency Sewer Repair/Erosion project (City Project No. 102939) in the amount of \$3,500,000.00, and by decreasing receipts and appropriations in the Unspecified project (City Project No. UNSPEC) by the same amount.
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## **DISCUSSION:**

Funding is necessary for the following emergency sewer work and engineering design for the Trinity River Stream Bank Erosion Affecting Two 90-inch Sanitary Sewer Mains project.

On June 27 - June 29, 2020, a major rain event flooded the job site for the river bank erosion emergency repair project resulting in destruction of the access ramp to the edge of the river and damaging the sheet pile cutoff wall that provided temporary support for the two sewer mains. In addition, the 90-inch sewer main closest to the river has apparently shifted northward over time and developed cracks allowing raw sewage to flow into the river during the rain event. Staff remediated the sewage spill as soon as it was discovered. To immediately address this situation, Circle C Construction was engaged to repair the pipe (City Secretary Contract 58184: \$1,600,000.00) and Freese and Nichols was engaged to provide the necessary design (City Secretary Contract 54186: \$200,000.00). During the course of the design work, it was confirmed that the 90-inch pipe closest to the river was out of its original alignment, apparently pushed by shifting soils over time. Additional construction and design effort to extend the pipe repair an additional 300 feet, including installation of a new manhole, is necessary to properly realign and reinforce the sewer main and place it back in service. By-pass pumping operations continue and will remain in place for the duration of this repair.

Additional funding at a total cost of approximately \$1,700,000.00 (\$1,630,000.00 for construction and \$70,000.00 for design and construction assistance) is necessary on the emergency for a collective amount \$3,500,000.00 as specified in an emergency memorandum dated July 10, 2020 and supplemental memorandum dated September 1, 2020.

This action will have no effect on the Water Department's operating budget when complete.

The project is located in COUNCIL DISTRICT 4.

A Form 1295 is not required because: This M&C does not request approval of a contract with a business entity.

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## **FISCAL INFORMATION / CERTIFICATION:**

The Director of Finance certifies that funds are currently available in the Unspecified project within the Sewer Capital Legacy Fund and upon approval of the above recommendations and adoption of the attached appropriation ordinance, funds will be available in the Sewer Capital Legacy Fund for the Emergency Sewer Repair/Erosion project. Prior to an expenditure being incurred, the Water Department has the responsibility of verifying the availability of funds.

**Submitted for City Manager's Office by:** Dana Burghdoff 8018

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