

Mayor and Council Communication

DATE: 09/24/19

M&C FILE NUMBER: M&C 19-0212

LOG NAME: 60EMER52264&51521FUNDING

SUBJECT

Adopt Appropriation Ordinance in the Amount of \$1,442,119.00 for Increased Project Costs for the Emergency Sewer Work Performed in Trinity Park, at a Tributary Creek of the Trinity River and Trinity River Stream Bank Erosion Affecting Two 90-inch Sanitary Sewer Mains (COUNCIL DISTRICTS 4, 5 and 9)

RECOMMENDATION:

It is recommended that the City Council adopt the attached appropriation ordinance increasing estimated receipts and appropriations in the Water and Sewer Capital Projects Fund in the amount of \$1,442,119.00 from available funds for the purpose of funding emergency sewer work performed in Trinity Park and at a tributary creek of the Trinity River for \$442,119.00 and Trinity River Stream Bank erosion affecting two 90-inch sanitary sewer mains for \$1,000,000.00 (City Project Nos. 102295 and 102346).

DISCUSSION:

Funding is necessary for the following emergency sewer work that was conducted by two contractors at three locations in the City.

Trinity Park and Tributary Creek Work. Conatser Construction TX, LP was engaged under an emergency memorandum for the replacement of a 40-foot collapsed segment of Main 439 in Trinity Park and, subsequently, the reroute of a segment of cracked Main 208 from its inaccessible location at the bottom of a tributary creek of the Trinity River to a location further away from the creek edge near 9065 John T. White Road. The attached City Manager memo dated April 25, 2019 creating City Secretary Contract No. 52264, and supplemental Memorandum dated June 20, 2019, approved the emergency work collectively up to \$1,100,000.00. The amount invoiced to date is \$367,118.65 with an anticipated remaining cost of \$75,000.00 to finalize the repair (CPN 102295).

Trinity River Bank Erosion Work. In the Spring of 2016, significant erosion to the Trinity River bank began to place the two 90" sanitary sewer mains running parallel and adjacent to the river which convey nearly all of the sewer system's flow to Village Creek Wastewater Treatment Facility in jeopardy. An emergency construction contract was issued and temporary sheet pile cutoff walls were installed to protect the mains while a permanent solution was designed. The permanent solution consisting of permanent bank stabilization was designed, permitted and competitively procured in 2017 and was under construction by the contractor, Humphrey and Morton Construction Company, Inc. ("HMCCI") when the heavy rains of Fall 2018 caused additional erosion of the stream bank and further jeopardized the integrity of the sewer mains. HMCCI was engaged under an emergency memorandum and contract to construct additional, enhanced, shoring improvements along the Trinity River streambank (vertical tiebacks and extra depth piers) to protect the mains. See the attached City Manager memo dated October 17, 2018 and City Secretary Contract No. 51521. However, due to additional significant erosion of the riverbank caused by heavy rainfall in Spring of 2019, HMCCI has not been able to safely access the project site to install the designed slope stabilization to permanently protect the two sewer mains. Alternative construction options are being evaluated and it is expected that there will be additional construction costs, estimated at \$350,000, needed under the original \$650,000 emergency authority. (CPN 102346)

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

The project is located in COUNCIL DISTRICTS 4, 5 and 9.

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

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that upon approval of the above recommendation and adoption of the attached appropriation ordinance, funds will be available in the FY2019 capital budget, as appropriated, of the Water and Sewer Capital Projects Fund. The Fiscal Year 2019 Water Operating Budget includes appropriations of \$35,856,873.00 for the purpose of providing Pay-As-You-Go funding for Sewer Capital Projects. After this transfer for Fiscal Year 2019, the balance will be \$6,600,616.00. Prior to any expenditure being incurred, the Water and Sewer Department has the responsibility to validate the availability of funds.

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