AGENDA ITEM REPORT

To: George Lahanas
Subject: Approve the transfer of $130,000.00 from Tetra Tech’s Combined Sewer System Modeling contract to Tetra Tech’s As-Needed Engineering contract.

Meeting: Regular Council - 11 Mar 2020
Department: Public Works
Staff Contact: Nicole McPherson, Engineering Administrator

BACKGROUND INFORMATION:
On October 25, 2016, the City Council approved an engineering contract with Tetra Tech, Inc. to develop a computer model of the City’s combined sewer system. The scope of work included flow monitoring; model development; model calibration and validation; capacity and alternative analysis; and preparation of a combined sewer system master plan report.

The project was funded as part of the FY 2017 SRF project which is now nearing completion.

The original approved contract was in the amount of $581,357.00 and a change order in the amount of $12,000 to add a rain gauge at the CSO/RTB was subsequently approved. To-date, Tetra Tech has expended $424,843.15 of the total $593,357.00 leaving a balance of $166,611.52.

Tetra Tech has recently provided us with a final report outlining the results of the computer model and recommending several proposed improvements to the combined sewer system which will address current and future capacity and flooding issues. However, some work still remains on this contract.

The City Engineering staff is proceeding with the design of three minor improvements recommended in the report as part of their proposed projects for the FY 2020 construction season. This includes improvements on Kedzie Street, Sunrise Court, and Collingwood Drive.

One other significant recommendation addressed in the report requires the construction of three regulators that will help relieve the surcharging of the existing combined sewer system during rainfall events exceeding the 10 year design storm events. We would like to incorporate part of the regulator improvements with the work now under design for FY 2020. As such we would like Tetra Tech to proceed immediately with the design of the three regulators in accordance with the recommendations developed in their model and outlined in their report.

Other recommendations outlined in the combined sewer report will be addressed as part of the Capital Improvement Plans for future sewer improvements.

Rather than proceed with the design of the regulators under Tetra Tech’s combined sewer system contract, we would like to adjust and limit that contract to $463,357.00 and transfer $130,000.00
from that combined sewer contract to Tetra Tech’s ongoing As-Needed Engineering Contract (previously approved by the City Council).

This will allow us to limit and close out the combined sewer system contract under the SRF funding in the near future.