



October 22, 2019 – Superintendent’s Report

ADMIN UPDATE:

Approval is requested with regard to Amendment No. 1 to the Master Services Agreement with Wessler Engineering for the Phase II Water System Improvements engineering fees. The Amendment No. 1 document lists the changes to the project scope that have been identified during the planning stage for the Fort Harrison and Indian Lake water treatment plant projects. We have expanded the scope of these projects in order to address items that have come to our attention during the planning phase but were not covered in the original project scoping; and to try and minimize the need for change orders when these projects go to construction. Of course, we cannot be sure that we have caught everything, and there may be change orders on these project. But by taking our time and going through these plans in detail, we hope to minimize them by making sure and include all these additional items in the engineering we are doing now. We have also removed a few items from the scope of engineering services, namely the 52nd Street Tower completion, which we will do with operating capital in 2021, and the Galvanized Service Line evaluation work. We have opted to include galvanized service line replacement as a regular line item in all future water main projects and take the approach of replacing them as we find them. I have reviewed the dollar amount changes resulting from Amendment No. 1 and find no discrepancies with their calculations. We recommend the approval of the additional fees in the amount of \$185,500 for additional engineering design, construction admin and construction inspection services as per Amendment No. 1.

Approval is requested for the ADS quote for additional sewage flow metering on the pipe under Indian Lake. The data we have is old now and does not reflect a lot of the new development and updated information is needed as we continue to evaluate options for addressing this pipe. We are also in contact with another pipeline inspection company with updated technology who believe they may be able to obtain 100% CCTV inspection of this pipe using their untethered camera system. This additional flow information will help us decide if we want to go that route or not, as well as give us a current picture of the flow characteristics in this pipe. The total cost is \$14,400, with an option to add additional weeks at \$3,800/week. We would only add additional weeks if we do not feel we captured enough good data. For instance, if we did not get normal or higher rain events during the study period, our data would not reflect the higher flow volumes in the pipe that we would expect to see.

Approval is requested for a professional services agreement with American Structurepoint for ongoing professional services related to compliance with Wellhead Protection requirements. ASI recently completed and submitted our required 5-Year updated plan and now we desire ASI to conduct the planning, documentation and performance of various tasks as noted in the document. With their knowledge of our specific Wellhead Protection areas and our groundwater supply system, the regulatory rules & requirements, and their relationships with the various agencies involved in these tasks, we believe that ASI will be able to perform these tasks efficiently and effectively. The estimated labor hour’s calculation is attached with the contract. We are looking at a total cost of \$8,556.00 over the life of the contract, which we would seek to renew after our next required plan update in March of 2024.

Operational Data:

SANITARY SEWER SYSTEM

- Performing routine maintenance and upkeep on lift stations and grinder pump stations.

LOCATES/LEAK LOCATING/VALVE TURNING/HYDRANT MAINTENANCE/INSPECTIONS

- Performing routine inspections, emergency shut outs for repairs, valve exercising, valve box repairs, and fire hydrant testing/inspections.

WATER DISTRIBUTION

- Performing routine water line repairs, service line repairs, fire hydrant replacements, vehicle repairs, and maintaining street and sidewalk cuts until final restorations can be made.

WATER PLANT/WELL ACTIVITY

- Performing routine maintenance and daily routines to make sure water treatment plants are operating properly.

ADJUSTMENTS: NONE