



PUBLIC WORKS DEPARTMENT
TOWN OF ARLINGTON

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Memo to: Adam Chapdelaine, Town Manager
From: Mike Rademacher, DPW Director
Date: August 12, 2021
Subject: Use of Available American Rescue Plan Act Funds

As requested, the following outlines potential spending related to funds available under the American Rescue Plan Act (ARPA). I am available at any time to review these items.

Lead Service Line Replacements - DEP is mandating that we replace our known lead service lines over the next few years. The main challenge will be getting property owners to replace their sections of these lines. If we help offset costs for residents we would be very successful in getting 100% compliance. **Estimated costs \$300,000.**

Private Sewer Inflow Removal (Sump Pump Removal Program) - DEP is mandating that we develop a program to have any property currently connected to the sewer system, via a basement sump pump, disconnect from that system. This can be financially challenging as some of the solutions are very involved. If we were to fund or partially fund these removals we would be very successful in getting 100% compliance. **Estimated costs \$300,000.**

Water Meter Replacements - The Town is currently undergoing a system wide meter replacement program. We have completed 9000 of 12,000 meters. The last locations are the most difficult as they are the resistant customers. Contracting this work out will be the best way to finalize the program in short order. **Estimated costs, meter purchase, \$400,000; meter installations, \$500,000.**

Implementation of New Meter Reading system - With the uncertainty of our current system's longevity, it would be beneficial to accelerate its replacement with our chosen new vendor. We were initially planning to do this over a three year period with Town staff but contracting this effort would allow us to be fully off of that system prior to that date and ensure system reliability. **Estimated costs, Hardware \$1,000,000; installation \$650,000**

Repair and Reconditioning of Sewer Pump Stations – The Town maintains 8 sewer and 1 storm drain pump station. All are well overdue for repair and upgrades. Not only does the existing equipment need updating, additional remote monitoring infrastructure is needed. **Estimated repair costs \$250,000/station (\$2,250,000)**

Repair and Reconditioning of Water System Pressure Reducing Valves – The Town's water system relies on pressure reducing valves to modulate the water pressure from that delivered by the MWRA. These valves are beyond their useful life and housed in vaults which are aging and do not meet current standards. **Estimated costs to repair/replace \$1,500,000**

Increase the amount of annual water pipeline replacement/rehabilitation – Arlington replaces approximately 1 mile of water line annually for approximately \$1,300,000. We have over 130 miles of pipeline. At this rate, it will take 130 years to replace all pipe which means we will always have very old pipe in the ground. We should be looking to replace 2 miles a year. Any additional funds for this category will help significantly. **Propose spending additional \$1,500,000/year in 2023 and 2024.**

The above efforts can be adjusted to match total funding ultimately available to the Department.