



Village of Shiloh, Richland County, Ohio

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Water Line/Meter/Tank Demo

Richland Cty Commissioners

Project Summary

Update January 2023

Project Title: Water Line/Meter/Tank Demo

Project Description: Shiloh’s water improvements project consists of 3 components: This project consists of the installation of remote read water meters in all water users, incl pit meters. The second component consists of the dismantle of a Water Tower on Mechanic Street. Finally, Main Street Water line, fire hydrant, and valve replacement approximately 1500 feet.

Need: Staff is constantly dealing with breaks, valve malfunctions and antiquated water hydrants. This also requires the water plant to operate "over and above" normal operations to maintain a level of water in the tower and causes additional wear and tear on pumps, more chemicals, etc. Limited manpower means the village relies on the Village of Plymouth and Shelby to assist with repairs. Customers are dependent on the schedule of neighboring communities and availability. All customers pay a flat rate (versus metered), so the system constantly battles lost revenues. With no meters it is difficult to measure water loss. Newer technology and full-scale metering replacement would monitor use and allow the village to run more efficiently. The 80,000-gallon water tank located on Mechanics Street was built in the 1930s and is currently out of commission. Due to aging, the tank could no longer be repaired and now needs dismantling per the Ohio EPA Findings. The village has limited reserves to devote to future long-term capital improvement projects and the village is already paying on six OWDA water and sewer loans. Funding from federal, state and local ARPA dollars could further sustain and improve the water system and its level of service to customers.

Project Cost and Eligible Funding: Engineering cost estimate for planning, design, and construction \$3,011,410

OEPA WSRLA Design	\$178,750	Loan	Funded
OEPA WSRLA Construction	\$2,217,420	Loan/Grant	Nomination Completed
CDBG Critical Infrastructure	\$500,000	Grant	Application Submitted Round 2
OPWC	\$499,000	Grant	Application Pending-Priority #1
Richland County ARPA	\$500,000	Grant	Requesting Update 1.19.2023
HB168	\$1,930,000	Grant	Application Pending

Affordability: The affordability is the most challenging portion of this project. Customers are paying over the affordability index for their water and sewer utility bills at 5.12% of their income. Water and Sewer Utility affordability index is around 2% for each or 4% combined. Current Water Rates: \$78 monthly. Sewer Rates: \$103.86 monthly.

This project needs funded with 90% grant otherwise residents won’t be able to afford to pay for their utility bill. USDA’s proposal is mostly loan but because of the current rates USDA wouldn’t fund this project because it wouldn’t be affordable to customers. The maximum amount of debt Shiloh can add to their system is \$300,000.

Request: Shiloh is seeking grant dollars and support from the Richland County Commissioners to fund this project. **The project is probable and affordable if the County can fund \$500,000 of this project with a commitment letter signed by January 23, 2023.** The commitment letter is required to show readiness to proceed for the CDBG funding and the renomination for WSRLA. Shiloh paid for the design which will be completed in January-February 2023. Shiloh will reapply for WSRLA principal forgiveness in February 2023 for the remaining unfunded balance.