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Consolidated Utility District Explains 2022-2023 Plans for Infrastructure Improvements

Projects Will Benefit Ratepayers with Upgraded Pipes and Technologies

MURFREESBORO – The Board of Commissioners and senior management of Consolidated Utility District (CUD) recently finalized plans for service improvements in 2022 and 2023 as the residential and commercial needs of Rutherford County continue their upward momentum. The overall total estimated cost of the projects listed below is \$36.7 million, and most of that total is allocated toward underserved areas and improvements to existing infrastructure.

"Being accountable and transparent about funding and costs of projects is vital to us," said Roger Goodson, General Manager of CUD. "We want our ratepayers to know how their money is being spent and how our efforts serve their needs. All of these projects speak to our continual process of upgrading both the water infrastructure and the technologies that help us maintain it."

The locations, costs, and expected outcome of each capital improvement project is shown below.

- East Lyons Road, Valley View Road water main improvements (extensions/replacements)
- \$581,000
- Nearly complete and includes approximately 6,100 feet of two-inch, four-inch, and six-inch water mains to provide water service to underserved areas and upgrade existing infrastructure
- Shores Road water main improvements Ocala Road to Richpine Drive
- \$3.39 million
- More than 80% complete and includes approximately 13,000 feet of 16-inch and 20-inch water mains to replace outdated infrastructure with improved pipes
- Asbury Lane / Burnt Knob Road water main improvements
- \$768,000

- This project is complete and replaces old infrastructure with upgraded pipes (approximately 5,200 feet of six-inch, eight-inch, and 12-inch water mains).
- Highway 231 North water main replacement (Cutoff Road North)
- \$2.14 million
- Nearly complete and includes approximately 16,800 feet of six-inch, eight-inch, and 12-inch water mains to provide additional capacity for continuing growth and to improving fire protection
- Baker Road water main replacement
- \$3.77 million
- This project is approximately 20% complete and includes approximately 12,600 feet of six-inch, eight-inch, 12-inch. and 20-inch water mains to replace outdated infrastructure with improved pipes.
- District Metering Stations (various locations within the county)
- \$830,000
- Nearly complete and includes six new DMA (District Metered Area) stations and improvements
 to three existing DMA stations. DMA stations enable CUD to better monitor water loss and
 respond accordingly.
- Rural water main improvements (Hutson Road, Vincion Road, and John Windrow Road)
- \$2.6 million
- This project has been fully designed, and this work involves adding approximately 13,600 feet of two-inch, six-inch, and eight-inch water mains. The project should begin by the fall of 2022.
- South Loop Water Main Phase 1 (West Segment Parsons Road, Miller Johnson Road, and Christiana)
- \$6.3 million
- Now in progress and includes approximately 27,400 feet of six-inch, eight-inch, 12-inch. and 16-inch water mains to bring water to underserved areas and replace old infrastructure
- South Loop water main Phase 2 (Miller Johnson Road, Woodfin Road, and Sledge Road)
- \$4.2 million
- This work will bring water to a large, underserved area, and it will upgrade existing infrastructure.

- Twelve Corners RSF replacement
- \$1.4 million
- This project will replace the existing recirculating sand filter (RSF) at the wastewater treatment area. This is needed due to the number of original chambers that are failing due to a material defect.
- Advanced metering infrastructure upgrade
- \$8.2 million
- This project involves replacing all transponders on customer meters (approximately 67,000) over a two-year timeframe. Replacements are necessary for compatibility with new metering software, which will add functionality to better serve our ratepayers.
- Kingwood/Windrow water main improvements
- \$2.6 million
- Still in the design stage, this project includes approximately 16,000 feet of 12-inch and 16-inch water mains to improve outdated infrastructure and serve future growth.

At Consolidated Utility District, our mission continues to be to provide safe drinking water for all residential, industrial, and governmental agencies, meeting and exceeding all federal and state standards at the lowest possible cost with high quality, efficiency, and integrity.

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