

Project Summary

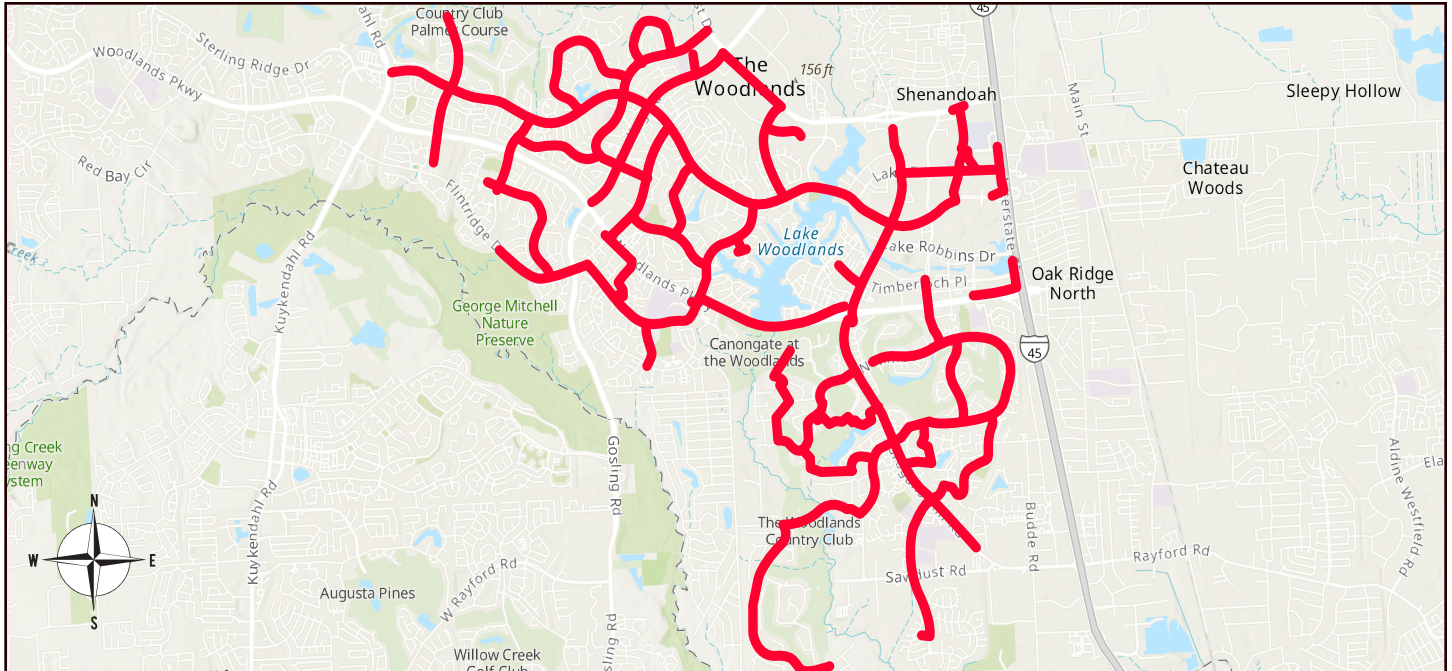
Status: Approved and Funded

Asbestos Cement (AC) Water Lines Condition-Based Assessment

Estimated Project Cost (2024 dollars): \$1,600,000



Water Renewal
THE WOODLANDS



Project History

The San Jacinto River Authority (SJRA) water distribution system includes 48 miles of asbestos cement (AC) lines, with 20 miles exceeding 40 years of age and nearing the end of their typical 50-year lifespan. Due to the material's shorter durability, the system has seen an increasing trend of breaks, averaging nine failures annually. To address these issues, SJRA has developed a phased plan to replace all AC lines within 10–15 years, with the goal of improving reliability and service for customers while reducing the risk of frequent failures.

Description

This study will assess and determine the areas recommended for the replacement of high-priority AC lines with longer-lasting polyvinyl chloride (PVC) or high-density polyethylene (HDPE) pipes, improving reliability, water quality, and service consistency for residents.

Project Type

Study



www.waterrenewalthewoodlands.com

Current Phase:



Funding Source:

Renewal and Replacement funds

Timeline:

April 2024 - Summer 2025

Actions:



Water Quality



Water Distribution

