

Project Summary

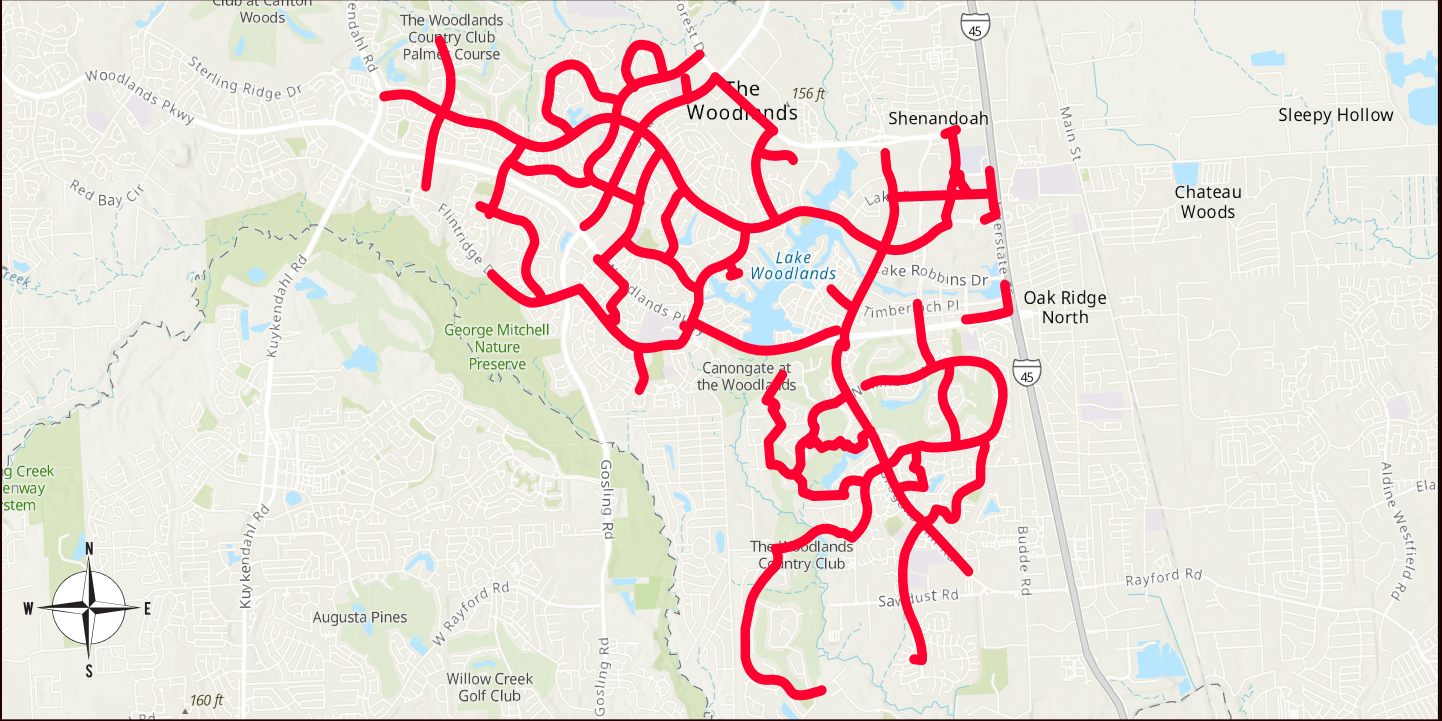
Status: Approved and Funded

MUDs 1, 6, 7, 36, 46, 60, 67, & Metro



Water Renewal
THE WOODLANDS

Water Lines Condition-Based Assessment



Project History

The San Jacinto River Authority (SJRA) Woodlands Division operates more than 121 miles of potable water distribution lines that are 12 inches in diameter and larger, including over 48 miles installed between 1973 and 1995. Many of the oldest lines, constructed from a range of materials such as asbestos cement (AC) and PVC, are approaching or past their expected service life. While earlier efforts focused on AC lines, SJRA is now evaluating the condition of all water lines to plan replacements before the end of their useful life.

Description

SJRA is conducting a system-wide water line condition assessment to determine the remaining service life of its infrastructure and prioritize replacements. The study includes a review of historical data and water line break records, field and laboratory testing, and engineering analysis. Results will produce a prioritized list of replacement projects and schedules, with field assessments conducted by SJRA, HDR, and associated vendors on selected pipeline segments throughout The Woodlands.

Funding Source:

Renewal and Replacement Bonds

Actions:



Water Quality



Water Distribution



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www.waterrenewalthewoodlands.com

