

UCT Luncheon Presentation – January 28, 2021

Project Owner

Arlington Water Utilities
Emily Hannon, EIT – Project Manager

Project Presenter Bio

EMILY HANNON, E.I.T. is a Graduate Engineer with the City of Arlington Water Utilities Department. She has 3 years of experience and is currently working towards obtaining her P.E. license in the state of Texas. She holds B.S. Degrees in Civil Engineering and Chemistry from The University of Texas at Austin.

Ms. Hannon manages water and wastewater conveyance and water treatment projects and supports Arlington's operations and maintenance staff throughout their service area. Her professional interests include: large diameter water and wastewater pipeline projects, construction observation and management, water chemistry and water treatment projects. Ms. Hannon is a member of UCTA and AWWA.

JERRY W. SNEAD II, P.E. is a Senior Project Manager in HDR's Dallas office. He has 23 years of experience, is licensed in the state of Texas, and holds a M.S. Degree in Civil Engineering from the University of Texas-San Antonio.

Mr. Snead has worked on water and wastewater conveyance, water supply, and drainage projects in Texas, Alabama, and Louisiana and has construction observation experience for large diameter pipelines, tunnels, and municipal wells. His professional interests include: pipeline design, condition assessments, alignment studies, and water resources projects. Mr. Snead an active member of UCTA, ASCE and AWWA and currently serves on the following committees:

AWWA Standards Committee on Air Valves - Member
ASCE Technical Committee on Pressure Pipeline Design for Water and Wastewater - Member
UCTA North Texas Chapter – Program Chair

Abstract Title

Slipline Rehabilitation of a Failing 66" Sewer Interceptor Between a Creek and Overhead Electric Easement

Presentation Overview

A failure and emergency repair of a section of Arlington's 66" Westwood Interceptor led to an evaluation of rehabilitation and replacement alternatives. The selected option was slipline rehabilitation.

The presentation will cover:

- Project overview and location
- Pipeline failure and emergency repairs
- Coordination with Arlington Parks Dept and Oncor
- Construction Challenges
- Innovative Aspects and Project Successes