

Main Presenter: Paul Nicholas

Abstract Title: Large Diameter Trenchless pipe installation methods

Organizations: AECOM

Theme: Trenchless Project Planning, Design, Construction, and QA/QC

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Abstract

This presentation reviews new construction trenchless methods available for the installation of larger diameter pipelines generally over 1200mm for water and sewer lines. The criteria used to best identify the most suitable method using a matrix and fatal flaw methodology based on ground conditions , cost and other relevant project specific criteria. Including a review of Trenchless methods including but not limited to HDD, Microtunneling, direct pipe and Jack and bore and their advantages and disadvantages are reviewed for constructability.