



STORM & SANITARY ASSET ASSESSMENT FISCALLY RESPONSIBLE

 **Conveyance**

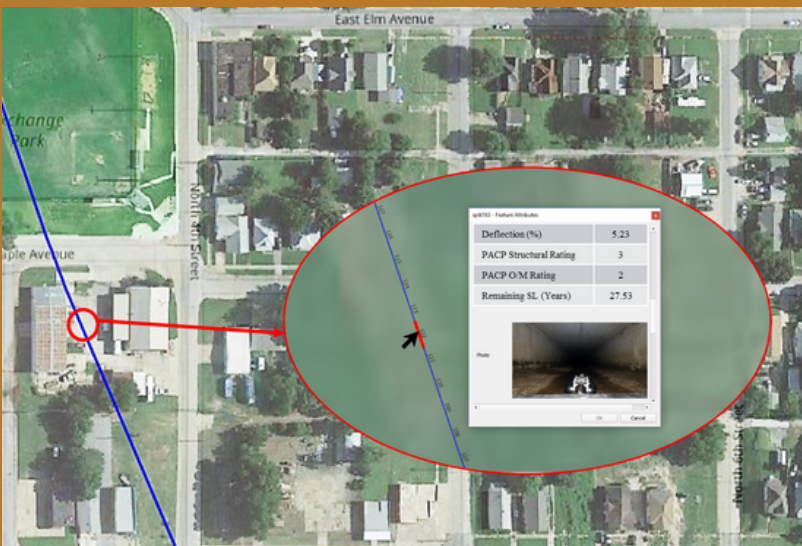
INSPECTION ALIGNS

Asset Management Goals

- Strategically Managed Infrastructure
- Fiscally Responsible
- Resilient Focus
- Well-Planned Communities
- Sustainability
- Innovative, Data-Driven, Results-Focused



GIS MAPPING



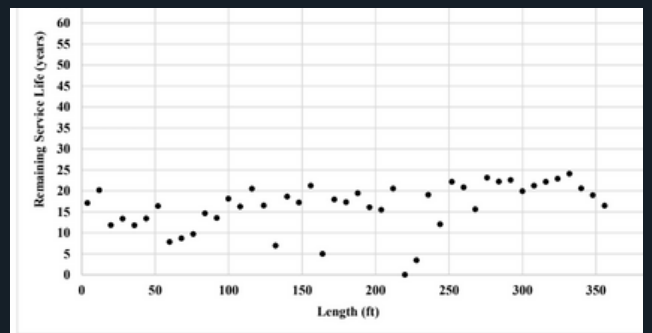
Information at your fingertips every 5 feet:

All the inspection results such as deflection, PACP defect ratings, debris, water level, CCTV snaps, laser profile, and estimated service life are available at the click of your mouse.

Artificial Intelligence Service Life Prediction

A Service Life model will be developed based on historic data using machine learning algorithms

The physical and environmental properties of the pipeline and inspection results are analyzed to predict the remaining service life using the ML service life model





MAXIMIZE YOUR BUDGET

Here at UTA we specialize in Asset assessment of your Sewer Systems.

We provide you with the data to make decisions, so you can pinpoint and budget for critical repairs and replacement where and When they are needed.

Saving Cities \$Millions:

The City of Coppell

"Informative pipeline assessment and detailed reporting including remaining service life was useful to make informed resource allocation decisions for efficient maintenance of our pipeline system."

Michael Garza, Assistant Director of Public Works, City of Coppell, Texas

The City of Waxahachie

"Dr. Abolmaali and the UTA team have been fantastic partners for our City. The analysis performed, provided the city with invaluable information related to utility infrastructure life expectancy, enabling us to make more well informed decisions related to its pipeline maintenance and replacement program."

Tommy Ludwig, Assistant City Manager Waxahachie

UTA provides the following services for all lines we inspect:

- State of the Art inspection for any material type and size greater than 10" using CCTV, Lidar, Laser and Sonar Data
- NAASCO PACP Coding Report
- Defect Identification (Structural, Blockage, Intrusion, Ovality...etc)
- Service Life Prediction
- O&M Rating



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