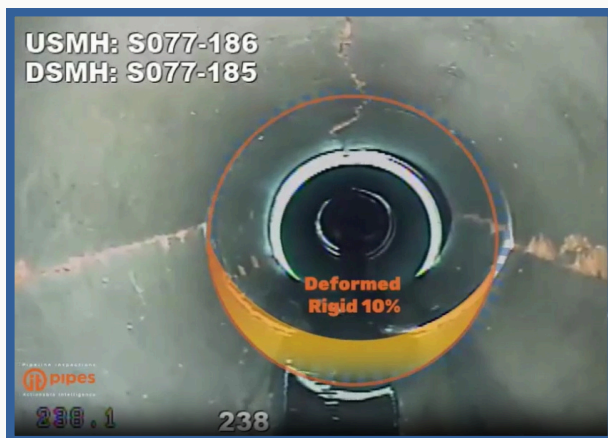# ⨀it pipes™ AIC

ASSISTED INSPECTION CODING

ITpipes' Assisted Inspection Coding (AIC) revolutionizes sewer inspections by combining AI-powered automation with expert human oversight. AIC cuts review time in half, ensures NASSCO-compliant accuracy, and delivers instant, actionable results—all while seamlessly integrating into your current systems and processes.

HOW DOES AIC WORK?

1 Record inspection video and upload to secure, cloud-hosted location

2 AIC auto-detects pipe defects and applies NASSCO coding, while low confidence items are flagged and reviewed by NASSCO-certified trainers

3 Structured reports are completed and exported in flexible, ready-to-use formats

4 Report data can be integrated directly into asset management systems for long-term, strategic planning

Accelerate Inspection Timelines
Cut coding and QA time by 50%, enabling teams to process more footage and reduce backlog without adding staff.

Improved Data Accuracy
AIC delivers consistent 97% accuracy in defect detection—reducing rework, missed issues, and manual errors.

Make Faster, Data-Driven Decisions
Get instant access to standardized reports that drive better planning, prioritization, and project execution.

AI-Powered. Human Verified
AI flags high-risk or uncertain areas for review by NASSCO-certified experts—ensuring quality control without losing efficiency.

Simplify Deliverables and Reporting
Meet internal and external standards with easy-to-use, NASSCO-compliant outputs that integrate with your AMS, GIS, and reporting systems.

Work Within Existing System & Workflows
AIC data and reporting fits seamlessly into your current workflows, eliminating the need for major tech overhauls or retraining.

Justify Budget with Confidence
Use accurate inspection data to support funding requests, demonstrate ROI, and transition to proactive asset management.