



INTERACTIVE PIPE INSPECTION



WITHIN
YOUR REACH.

www.ipi-pipe.com

Providing measurable and reliable asset data for engineering firms and municipalities in places thought unreachable.

Getting Eyes On Your Hard To Reach Assets

There are many reasons why your assets may be characterized as 'impossible' to inspect. We thrive on taking on those 'uninspectable' projects. Some examples are small diameters, flow and access, bends and connections, and hard to reach assets



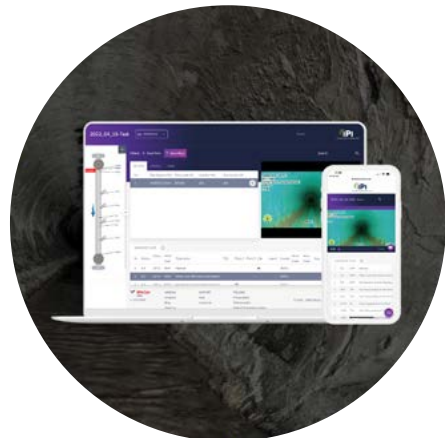
Building A More Comprehensive Picture

It's always a challenge to make decisions on your assets. Especially, when you have inaccurate or missing information. The documentation systems for many today are still fragmented. This fragmentation blocks your ability to quickly manage assets. And in gathering the right information for the best analysis and decision making. IPI can help you close that gap to build you a more comprehensive picture of your assets.



Delivering Measurable And Reliable Asset Data

Continuous and accurate condition assessment is critical for effective management and maintenance. To do this you need measurable and reliable data. An inspection is ineffective if the data collected during the inspection is of poor quality. The conversion of raw field inspection data into meaningful information is also crucial. And top of that the data must be PACP, LACP, and MACP certified. Some other challenges occur when integrating the data with your current system or software. At IPI, we can ensure the proper gathering and processing of your information.





Knowing the true condition of your pipeline infrastructure starts by getting an accurate assessment of your current assets. All on-site operators are PACP certified and go the extra mile. After your INREACH™ Assessment we present and recommend the best course of action.



Phase 1
Asset Data Collection

Accurate Inventory is Critical to Successful Asset Management

IPI provides you with superior quality inspection data for no matter the size of the project. When you're equipped with your complete asset inventory, you can make your maintenance and rehabilitation priority decisions with confidence. Understanding your specific needs helps us with the accuracy of collecting your data.



Phase 2
Asset Examination

Reliable and Measurable Data Gathered With State of the Art Technology

Using panoramic imaging technology, IPI is able to examine and produce superior quality inspection data. We gather your asset data using high definition digital imaging, which is 6 times the resolution of CCTV. Your digital data is captured in a field using dual mounted high resolution cameras with fisheye lenses. The images combine to create a 360 view of the entire pipe surface that can be viewed as single images or as a continuous data stream.



Phase 3
Asset Analysis &
Plan of Attack

Your Data Turned Into Meaningful and Actionable Information

We convert your raw field data gathered during the asset examination phase into meaningful information. Your data is then analyzed in an office controlled office environment, where our trained technicians have the ability to pan/tilt/zoom in real time and accurately identify and measure defects. After analyzing your assets, we present and recommend the best course of action. In this process, our experienced and expert technicians explain our recommended solutions. Most are technologies in trenchless repair and rehabilitation. Giving you the lasting solution you're looking for.



Phase 4
Attack and Deliver

Striving For Flawless Execution of Deliverables

During this phase, it is important to adhere closely to the plans put in place during the planning stages. The deliverables should be reflective of a flawless execution, as they will be delivered to our sister organization, Insta-Pipe division for a remediation survey. Finally, all documents will be presented during an on-site meeting with the owner. By following this protocol, you can ensure accuracy and successful completion of the project.



UN-INSPECTABLE IS NOTHING.

IPI is forward thinking and we utilize the latest technology for underground asset data collection. We actively research and invest in technology that no-one in the underground asset management field has. This has allowed us to provide you with **the most measurable and reliable, underground asset data to drive your strategic decision making.**

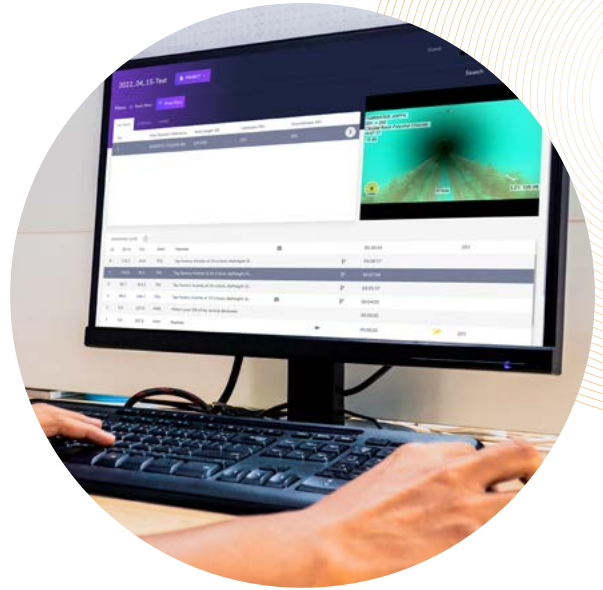
- 2021 Orpheus HD Pan and Tilt with Zoom and Transmitter
- 2021 T76 Tractor with HD extension for larger pipelines
- 2021 T76 Base for HD Camera System
- 2021 T76 Camera Elevator
- 2021 Orion 3 Zoom HD Camera for 5" and UP
- 2021 PANORAMO 2 4K HD Camera System
- SI HD Camera System for Maintenance Hole Inspections
- Vactor Combinations Cleaners
- Two (2) Jet Cleaners
- Multiple confined space packages
- Traffic Control Signs and Cones



Make Better Decisions With Actionable Insight.

IPI utilizes a proprietary risk-based assessment reporting tool that includes current condition assessment, future flow predictions, environmental impact and a prioritized list of repair and rehabilitation needs.

We accurately and efficiently collect data points beyond traditional CCTV. By linking these data points with interactive reporting we are able to build a more comprehensive picture of your underground architecture and you make better strategic decisions.



Aligned Together.

IPI wants to exceed your expectations with any project we take on. We make sure we're aligned with you throughout the process. This ensures that we efficiently complete your project and reach your goals. And we want to work with you beyond one project. IPI wants to build a lasting relationship through our integrity and performance.



ZERO COMPROMISE



**PROJECT
ZERO**



INTERACTIVE PIPE INSPECTION

A Division of Infrastructure Renewal Company

At IPI, we are dedicated to delivering excellence and setting new industry standards. Our customer-centric approach is demonstrated through Project Zero, a performance standard that drives everything we do. With Project Zero, we ensure that our clients receive the highest level of service and quality. Equipped with state-of-the-art technology and rigorous inspection protocols, our team proactively identifies and addresses potential issues to prevent costly repairs and minimize disruptions, maximizing the lifespan of critical infrastructure.

Commitment to...

ZERO
SAFETY INCIDENTS

ZERO
DEFECTS IN OUR WORK

ZERO
CLAIMS IN OUR WORK



We prioritize efficiency and timely delivery, optimizing processes and maintaining clear communication to meet project deadlines and minimize downtime. Safety is paramount, and our comprehensive safety training programs and adherence to strict guidelines protect our team members and the communities we serve. Project Zero represents our core values and unwavering commitment to delivering exceptional results. When you choose IPI, you can trust that your project will be executed with precision, efficiency, and the highest level of quality, while maintaining a zero-defect, zero-delay, and zero-incident approach.

A background image showing construction workers in safety vests and hard hats. In the foreground, two hands are shaking. A large dark blue circle is centered over the image, containing the main text. There are also decorative white concentric circles in the top right and bottom right corners.

EVERY PROJECT

**is executed with the
utmost care and
attention to detail.**



“Working with IPI
in performing a large-scale
sewer system inspection has
been terrific. They have been
exceptionally responsive,
accurate, and efficient
in their work.”

- Jeff Lykken, PE - Vice President HDR

The IPI Package

The most measurable and reliable, underground asset data at your fingertips.



ACQUISITION

- Obtaining raw data in the field
- 360 degree side scanning technology - Front and rear mounted fisheye camera
- High definition digital imaging - 6 times the resolution of CCTV
- Camera operates at a continuous pace - constantly recording



PROCESSING

- Converting raw field data into meaningful information
- Performed in a controlled office environment
- Ability to pan/tilt/zoom in real time
- PACP, LACP, and MACP certified coding

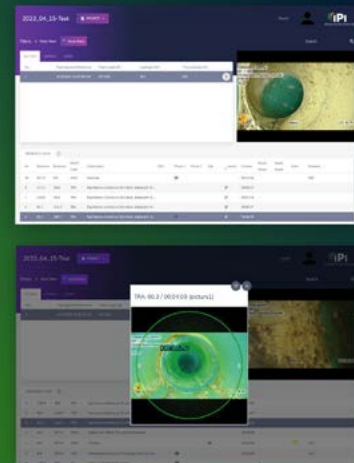
“They’ve been working on lots of collection systems for years. So their institutional knowledge is really invaluable.”

- Hannah McLean - Engineer and Project Manager at Brown and Caldwell



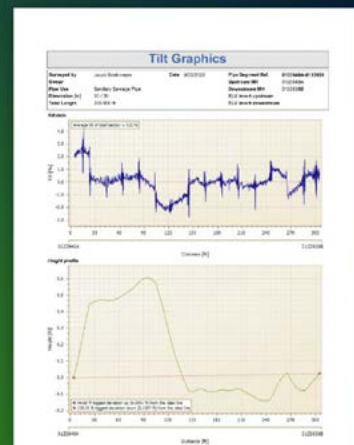
PRESENTATION

- Transfer of meaningful information to the customer
- Stored on internal or external hard drive
- Single image still shots a multi-image interactive live feed
- Web based deliverable that integrates with all software



PLANNING

- Additionally options for information reporting
- Data integrated with GIS and work order software
- Reference data in relation to other structures and utility structures
- Forecast maintenance and rehabilitation schedules



Our Purpose and Story

At IPI, our purpose is to lead the water, wastewater, and sewage industry in innovative and flawless data acquisition and analysis. We are an established, forward thinking inspection company. Founded in Tumwater, Washington, we have over 15 years experience serving a diverse range of clients. And they have trusted us to conduct thousands of miles of inspections in a wide range of conditions. We thrive on taking inspection jobs seen as “impossible”.



Looking to get the measurable and reliable asset data you need to make your goals within reach? Schedule an INREACH™ Assessment.

Schedule Today