

INREACH™

A S S E S S M E N T



INTERACTIVE PIPE INSPECTION
A Division of Infrastructure Renewal Company

www.ipi-pipe.com



Your 'impossible' or 'uninspectable' project has a LOT of questions that need answers...

*How can I get eyes on my hard to reach
(e.g. rough terrain) assets?*

*How do I get the reliable and
measurable data I need?*

Where do I even start?

**No matter how 'impossible' or
'uninspectable' your project is,
it all starts with an**



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
- Hard to reach assets

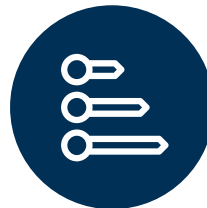
Knowing the true condition of your pipeline infrastructure starts by getting an accurate assessment of your current assets. This is accomplished through IPI's INREACH™ Assessment Process.



Phase 1
Asset Data Collection



Phase 2
Asset Examination



Phase 3
Asset Analysis
& Plan of Attack



Phase 4
Attack and Deliver

Accurate Inventory Data 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. Before gathering data we consider:

1. What is your budget and schedule?
2. What is the immediate need?
3. What will be the future use/analysis of the data?
4. Is elevation important?

Steps in Phase 1:

1. Venue: Virtual or in person meeting
2. Goals:
 - Understand the goals of the project.
 - Establish a timeline for the project.



Phase 1
Asset Data Collection



Reliable and Measurable Data Gathered With State of the Art Technology

Using high definition and ultra HD 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 2
Asset Examination

Steps In Phase 2:

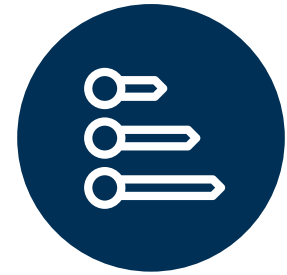
1. Historical data review
2. Interview Staff
 - The goal is to gather information on the history of the line from their POV
3. Review any available work orders or maintenance request.
4. Review any drawings that may exist.
5. Identify and document areas of concern.
6. Obtain any GIS files available.



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.

Our asset analysis leads into our plan of attack, where we provide clear objectives and include labeling, overlay, and GIS instructions from the owner. This also include safety plans, timelines for milestones, and communications intervals. With this information, you can ensure that each step of the process is handled efficiently with maximum accuracy from our experienced and expert technicians.



Phase 3 Asset Analysis & Plan of Attack

Steps In Phase 3:

1. Project Site Visit/Investigation
2. Document Access Points.
 - Ensure all access points are accessible
 - Photograph and label access points with possible issues
3. Compile scope of the project.
 - Outlines the goals of the project owner and how we plan to reach them.
 - Documents labeling, overlay, and GIS instructions from owner.
 - Details out communications procedures such as email list, 911 contacts, etc.
4. Safety Plan*
5. Timeline
 - Outlines milestones within the project.
 - A detailed description of communications intervals.



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.



Phase 4

Attack and Deliver

Steps In Phase 4:

1. Adhere to all aspects of the planning phases.
2. Ensure deliverables are reflective of a flawless execution.
3. Provide deliverables to Insta-Pipe division to conduct a remediation survey.
4. Deliver all documents to the owner during an on-site meeting.



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.

Next Steps After Your INREACH™ Assessment

After completing your INREACH™ Assessment, all deliverables are sent to the experts at Insta-Pipe. Our pipe repair and rehabilitation division will then conduct a remediation survey.



At Insta-Pipe, we have the ability to provide you a simple, guaranteed solution. We'll give you the perfect solution for your specific situation. We offer the following types of solutions:



Pipe Inspection & Data Collection

Understand your assets' true condition with the latest inspection technologies.

- 4K Panorama
- High-Def CCTV



Pipe Renewal

Renew your pipes with trenchless technologies, including UV-cure CIPP, lateral seals, and potable pressure pipe lining.

- UV-Light Cured-In-Place Pipe (CIPP)
- UV-Light Cure Laterals, Seals, and Spot Repairs
- BulletLiner System™



Pipe Cleaning

Increase the flow and capacity of your pipes with our various pipe cleaning methods.

Recommending What's Right for YOU.

Insta-Pipe utilizes our knowledge in trenchless applications and the most innovative technology to deliver the best solution for you. We thrive when taking on challenging buried service or rehabilitation projects. Much of our solutions focus on trenchless technology and CIPP applications. Our expert technicians have been providing this service method for years, and can provide you with the right solution for your specific situation.



Why Choose Insta-Pipe

Insta-Pipe utilizes our KIT to deliver the best solution for any buried pipe inspection, service or rehabilitation project, even if it's not a tool we can offer.

Our team has a combined 100+ years of KNOWLEDGE in trenchless applications. We utilize the most INNOVATIVE technology on the planet. Our TEAM is committed to delivering for our clients as proven with our zero call back record.

- KIT
- Innovative technology
- Industry leading knowledge
- Committed team of industry experts

Provide the right solution for your project even if it's not a tool we offer.

"I want to thank you again for knocking this one out so quickly for us. Everything went great. Your crew was awesome."

- John Marchitto, Senior Civil Engineer Specialist

Insta-Pipe Story

Since 2006, Insta-Pipe has been providing comprehensive trenchless pipe repair solutions in the Pacific Northwest. In 2022, we saw a need for these services in the Southwest, opening a new division in Phoenix, AZ.

Insta-Pipe takes pride in developing lasting relationships with our clients - municipalities, military installations, industrial facilities and homeowners. Our expert team has deep experience in providing the right solution for the most challenging projects with a zero call back record. Our clients become long time partners.

Our focus has always been on delivering the most innovative solution for our client's trenchless pipe rehabilitation needs. Insta-Pipe was one of the first contractors to offer pipe bursting in the early 2000's and we continued that tradition of innovation today as one of the only UV light cure CIPP (Cured In Place Pipe) shops in the country. UV Cure has a longer lifespan, is more environmentally friendly and less disruptive to clients than other CIPP methodologies.

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