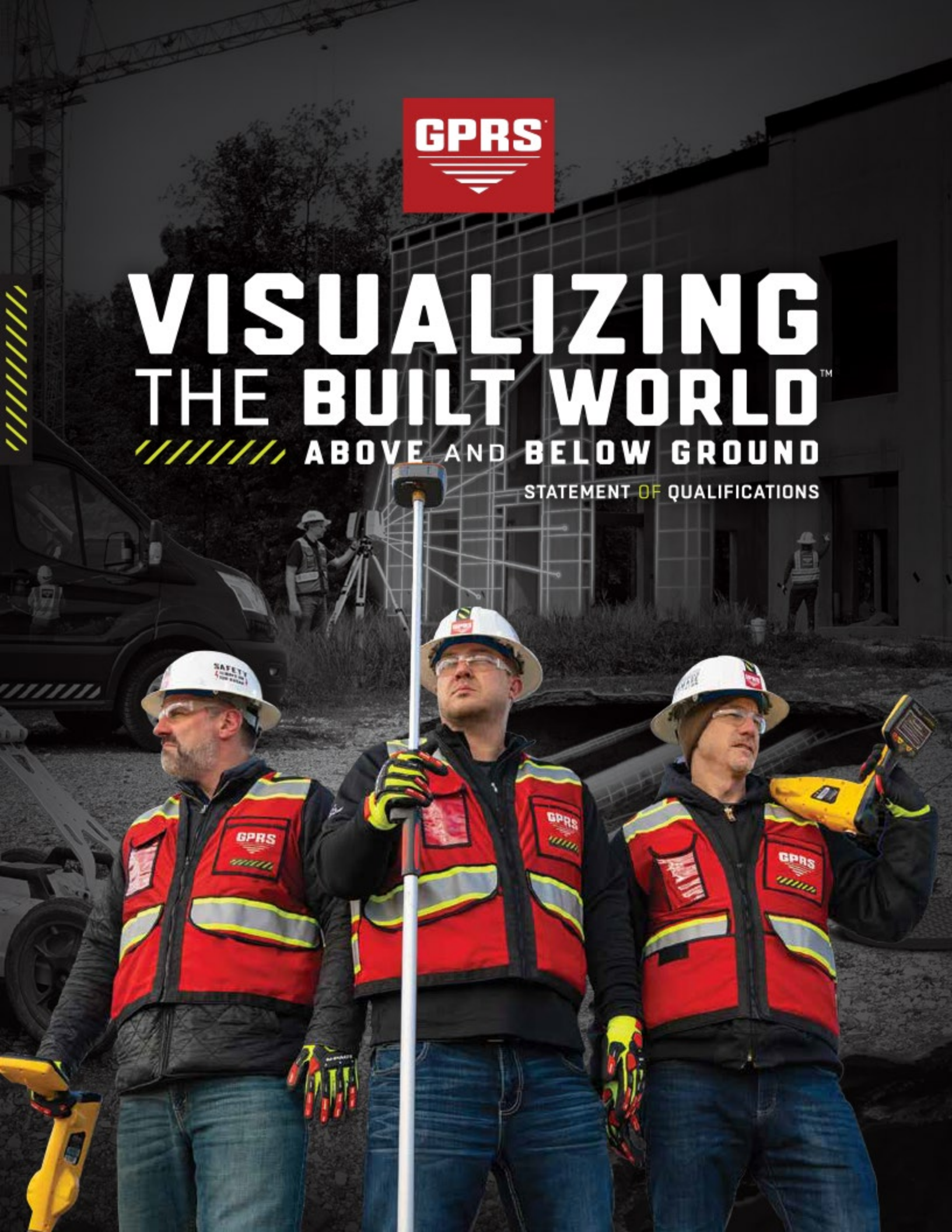

GPRS
VISUALIZING
THE BUILT WORLD™
ABOVE AND BELOW GROUND
STATEMENT OF QUALIFICATIONS

GPRS

TABLE OF CONTENTS

02–03 /// THE GPRS VALUE/PROVEN ACCURACY
04–05 /// HISTORY OF PERFORMANCE/NATIONAL FOOTPRINT
06–07 /// SAFETY STATISTICS/RISK MANAGEMENT
08–09 /// TEAM MEMBERS/PROJECT MANAGERS
10–13 /// THE GPRS ACADEMY
14–15 /// SUBSURFACE INVESTIGATION METHODOLOGY
16–17 /// LIFE CYCLE SOLUTIONS/PROJECT CYCLE TIMELINE
18–21 /// UTILITY LOCATING/CASE STUDY
22–25 /// VIDEO PIPE INSPECTION/CASE STUDY
26–29 /// CONCRETE IMAGING/CASE STUDY
30–31 /// MAPPING & MODELING
32–35 /// LEAK DETECTION/CASE STUDY
36–39 /// 3D LASER SCANNING/CASE STUDY
40–41 /// SITEMAP
42–43 /// CUSTOM SERVICE PLANS/PARTNERSHIP PLUS
44–45 /// JOIN US

/// THE GPRS STORY

Founded in 2001, GPRS Intelligently Visualizes The Built World™ above and below ground. We are the nation's largest utility locator with Project Managers based in every primary market in the United States. Our services include Utility Locating, Concrete Scanning, 3D Laser Scanning, Video Pipe Inspection, and Leak Detection.

With GPRS, clients can ensure that our rigorously trained Project Managers using state-of-the-art technology deliver the most accurate information. GPRS leads the industry – providing outstanding service and cutting-edge technology – keeping projects on time, reducing safety risks, and putting relationships with our clients first.

GPRS has completed hundreds of thousands of projects with over a **99.8%** accuracy rating. Join us in the pursuit of 100% subsurface damage prevention ■

CREATING AN ACCURATE DIGITAL TWIN

- UTILITY LOCATING
- VIDEO PIPE INSPECTION
- LEAK DETECTION
- MAPPING & MODELING
- CONCRETE IMAGING
- 3D LASER SCANNING

/// THE GPRS VALUE

NATIONWIDE SERVICE
We have team members in every major metropolitan area in the United States, ready to handle any project nationwide.

RAPID RESPONSE
Time is always critical in any construction project. We understand this and have developed our operations so we can be on site within 48 hours.

CONSULTATIVE APPROACH
Our Project Managers are trained to ask questions and provide you with answers. This consultative approach helps us quickly identify your subsurface issues and ensure we provide valuable solutions to keep your job moving.

PROVEN RESULTS
We deploy the best equipment operated by expert Project Managers. Since our inception, GPRS has completed hundreds of thousands of projects in North America with a 99.8%+ accuracy rating.

/// PROVEN ACCURACY

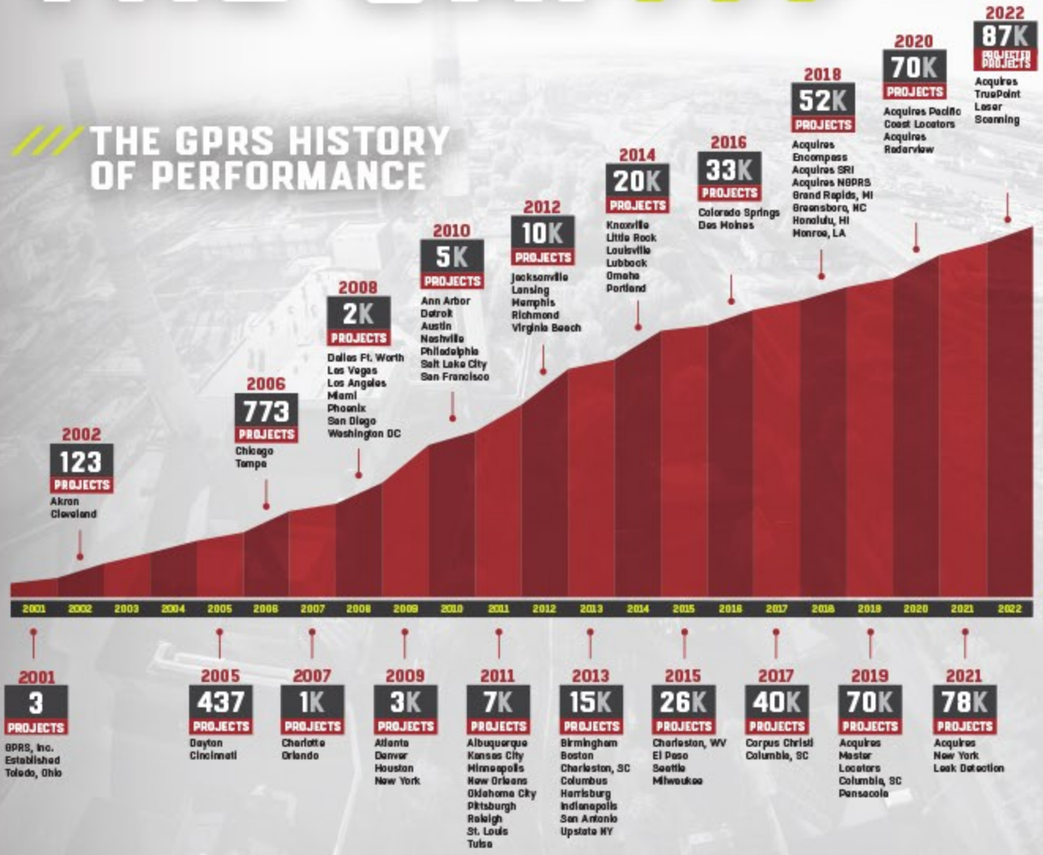
Since 2017, we have completed over 300,000 projects with a 99.8% accuracy rate along with a 99%+ approval rating according to our customer satisfaction survey. Historically, nearly 80% of our business is either repeat or referral. GPRS focuses on long-term performance and recognizes that repeatable accuracy will ensure customer satisfaction and business longevity ■

SINCE 2017 THERE HAS BEEN A 99.8% RATE OF ACCURACY IN THE 300,000+ PROJECTS COMPLETED

DID YOU KNOW? 2 MILLION HOURS SCANNING EXPERIENCE

WIDENING THE GAP///

/// THE GPRS HISTORY OF PERFORMANCE



/// THE GPRS NATIONAL FOOTPRINT

Ground Penetrating Radar Systems provides our services throughout all major metropolitan areas in the United States. Our footprint ensures we can offer rapid response to your job sites and projects, often within 24 hours. We have over 300 highly trained personnel that are able to commit to large projects, obscure geographic locations, and unique job site requirements ■

WIDENING THE GAP

Widening the Gap means that we aren't looking to industry norms to dictate how well we perform. To push the industry forward, we want to widen the gap between our work and the industry standard.

DID YOU KNOW? 1 MILLION HOURS WORKED IN 2021

DID YOU KNOW? GPRS DROVE OVER 8.7 MILLION MILES IN 2021

SAFETY
ALWAYS ON OUR RADAR

SAFETY AND DAMAGE PREVENTION ARE OUR TOP PRIORITY

/// 2021 SAFETY STATISTICS

Safety is one of our core values. Our safety focus has earned us an impressive record:

TOTAL MAN HOURS	AVERAGE NUMBER OF EMPLOYEES	EMR	LOST TIME INCIDENTS
1,000,000+	400+	0.47	0

/// SAFETY TRAINING

We are firm believers in continuous safety education for all of our employees:

OSHA 10 · OSHA 30 · CONFINED SPACE TRAINING · FALL PROTECTION TRAINING · eRailSafe · FIRST AID/CPR · GPRS SAFETY PROGRAM TRAINING

/// SAFETY PARTNERSHIPS

GPRS is proud to partner with several leading safety compliance organizations:

Avetta · CONCRETE SAWING & DRILLING SAFETY WEEK · CONSTRUCTION SAFETY WEEK · iSafeworld · CCS · BROWZ MEMBER · VERIFORCE · ASSP

/// RISK MANAGEMENT

GPRS services reduce the risk for you, your team, and your assets ■

- BUDGET OVERRUNS
- PROJECT DOWNTIME
- PROPERTY DAMAGE
- DAMAGED REPUTATION
- INJURIES & ACCIDENTS

INSURANCE COVERAGE

GPRS is prepared to meet the insurance and safety demands of the most rigorous project-specific requirements.

- Commercial general liability insurance policy: 1-million-dollar limit with a 10-million-dollar umbrella policy.
- Coverage includes products and completed operations.
- Commercial policies for Automobile Liability and Workers Compensation.
- Professional/Pollution Liability policy with a 5-million-dollar limit.

KEEPING YOU ON THE GRID ///

WHAT'S UNDERNEATH MATTERS.™

/// TEAM MEMBERS

GPRS is committed to providing opportunities and development for our people, who offer sensational service for our customers. The investment GPRS makes into its team members is rooted in our understanding that each team member is a crucial differentiator in our company's success.

TEAM DEVELOPMENT

Project Managers begin with a 3-month training program that marries classroom teaching and field mentorship. This program continues throughout their career in advanced field training courses. All field personnel are part of an industry-leading promotion track that measures their field accuracy, customer service, and professionalism. We invite them to join the GPRS Leadership Development Program, focusing on personal growth in leadership and business.

TEAM CHARACTERISTICS

The most critical component of our team members' work has always been their character. Each team member exhibits our core values both inside and outside the organization. When you combine personal character, team chemistry, and industry-leading competency, the result is a sensational service for our customers.

/// CORE VALUES

INTEGRITY | GROWTH MINDEDNESS | SAFETY | MUTUAL RESPECT | TEAMWORK

/// PROJECT MANAGERS

AT GPRS, WE REFER TO OUR FIELD TECHNICIANS AS PROJECT MANAGERS. WHY?

START-TO-FINISH PROJECT MANAGEMENT

Our team members can assist your project from the scheduling and site walk phase through the reporting and billing phase. GPRS Project Managers are true professionals that deliver industry-leading customer service.

CLEAR & ACCURATE MARKINGS / DELIVERABLES

Our scan results are marked on the surface clearly and understandably, and we ensure all markings, maps & models are discussed before leaving a job site. We also offer permanent records such as CAD and GPS satellite image overlays, and a wide variety of 2D & 3D CAD & BIM models for our Laser Scanning clients.

CLEAR COMMUNICATION

Our team members ask the right questions before arriving on site. While on site, they will do both a pre-job walk and a post-job walk.

A CAREER, NOT A JOB

Our field personnel are not just technicians, which is why we refer to them as Project Managers. They work beside a client through the entire process, providing excellent service. This is their career, their craft, and their trade. The result? An elite service.

WE HAVE 1,200+ YEARS OF FIELD EXPERIENCE

CONSISTENCY
EDUCATION
TRAINING
QUALITY
SAFETY
LEADERSHIP
ACCURACY

STARTS HERE ///

/// THE GPRS ACADEMY

The GPRS Academy leads the industry by providing a structured and comprehensive approach to equipping Project Managers to locate utilities, scan concrete, and 3D laser scan sites. Our trainers give Project Managers the education they need through a classroom setting and a hands-on approach.

EXPERT INSTRUCTION

- GPRS Project Managers are taught by industry experts with decades of field experience.
- Trainees are taught how to interpret complex ground penetrating radar images and collect precise as-built site data.
- All training is conducted through an unparalleled utility locating, concrete imaging and 3D laser scanning academy.

OUR TRAINING FACILITY

- Our Project Managers are thoroughly trained in our state-of-the-art, world-class training facility.
- All PMs are trained on a specially outfitted, 3,000 sq ft concrete slab containing post-tension cables, reinforcements, and conduit.
- Team members also gain real-world experience in a controlled, safe environment with our simulated indoor gas station and elevator shaft.

PRACTICAL APPLICATION

- Each Project Manager completes up to 3 months of rigorous training.
- This training includes shadowing in the field, executing the scanning process under the supervision of a trainer, and more.
- Our Project Managers leave the program with a greater than 99.8% subsurface scanning accuracy.

SUBSURFACE INVESTIGATION METHODOLOGY

- GPRS implements a rigorous subsurface damage prevention methodology: Subsurface Investigation Methodology, or SIM.
- The SIM Specification standard is the industry leading, metrics-based guideline for underground locating contractors.
- All our field staff are SIM certified. They complete weeks of academy training in 101, 201, and 301.

AT GPRS, OUR TEAM MEMBERS ARE WORKING ON SOMETHING BIG

INTRODUCING THE BIGGER, BETTER GPRS ACADEMY

For the past two decades, GPRS has been the standard in training and quality service. The desire to reach 100% Subsurface Damage Prevention pushed us to think beyond the standard manufacturer training that is typically included with the purchase of scanning equipment. With the launch of the GPRS Training School nearly 10 years ago, GPRS was able to Widen the Gap between us and the industry norm.

The combination of classroom training, mentorship, real-world training sites, test slabs, and training slabs have contributed to our scanning accuracy rate of 99.8%. But in our relentless pursuit of 100%, we had to raise the bar. With the completion of the GPRS Academy, that vision is one step closer to reality. This state-of-the-art training facility features:

- 3,000 sq ft continuous concrete training slab complete with real-world scenarios like post-tension cables, rebar, electrical conduits, columns, and beams.
- Training slab can be sectioned off into 4 separate classrooms that allow for advanced training – each classroom progressing in difficulty.
- 3,000 sq ft indoor simulated gas station that is complete with USTs, buried utilities, light poles, and other related piping.
- Simulated elevator shaft complete with curving and terminating post-tension cables, extra reinforcement, and densely spaced electrical conduits.
- 3,000 sq ft slab-on-grade training area that is complete with conduits, reinforcement, shallow utilities and more.
- Video Pipe Inspection training area that features sewer and water lines, including sewer laterals for training with VPI cameras.

MATT ASTON CUTS THE RIBBON AT OUR NEW FACILITY

TRAINING SLAB PRE-POUR

TRAINING SLAB POST-POUR

TRAINING SLAB DURING A CLASS

///SUBSURFACE INVESTIGATION METHODOLOGY

POWERING THE INDUSTRY STANDARD///

Proper training, multiple technologies, and a field-tested methodology are the key to a successful utility locate. GPRS has mastered all three components by utilizing the SIM Certification.

TRAINING

The industry standard recommends 8 hours as a minimum for training and 60 hours practicing GPR to become certified NDT Level I in Ground Penetrating Radar. By contrast, SIM requires 320 hours of mentorship in the field prior to 80 hours of classroom/hands-on training.

In addition, the unique combination of classroom training and on-site supervised field training reinforces what a Project Manager encounters on the job. The SIM curriculum allows them to go deeper into the technical aspects and knowledge needed to perform their jobs at the highest level.

EQUIPMENT

Subsurface Investigation Methodology (SIM) requires multiple technologies to be used. With any investigation, more data points yield the best outcome. When SIM-qualified technicians locate a subsurface target such as a pipe, utility, or reinforcement with more than one technology, it confirms the accuracy of the locate. This redundancy also reduces the likelihood of missing a buried target. Redundant results bear more data points; by locating pipes and other targets with different methods utilizing each tool's strengths, technicians reduce the risk of missing key site information.

METHODOLOGY

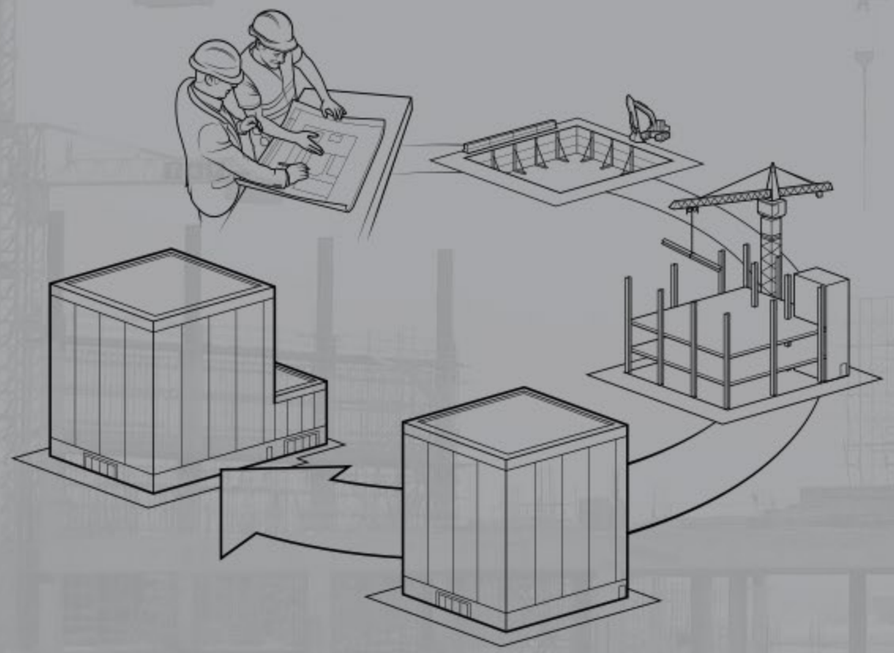
The SIM Certification is a tested process that allows Project Managers to acquire accurate and repeatable results. SIM is similar to a machine that requires multiple gears all working in unison for it to function properly. One of the most critical gears and steps in the SIM process is the repeated methodology that Project Managers must know for each project.

A solid, repeatable methodology guarantees that a concrete scanning, utility locating, or video pipe inspection project can be performed by a seasoned professional, and also by a new-to-the-business technician. When the SIM methodology is followed, it allows technicians to achieve the same results, regardless of their experience in the field.

DID YOU KNOW? **99.8% ACCURACY RATE ON OVER 300,000 PROJECTS**

SIMSPEC.ORG

/// PROJECT CYCLE SOLUTIONS



/// GPRS PROJECT CYCLE TIMELINE

CGA/DIRT 2020

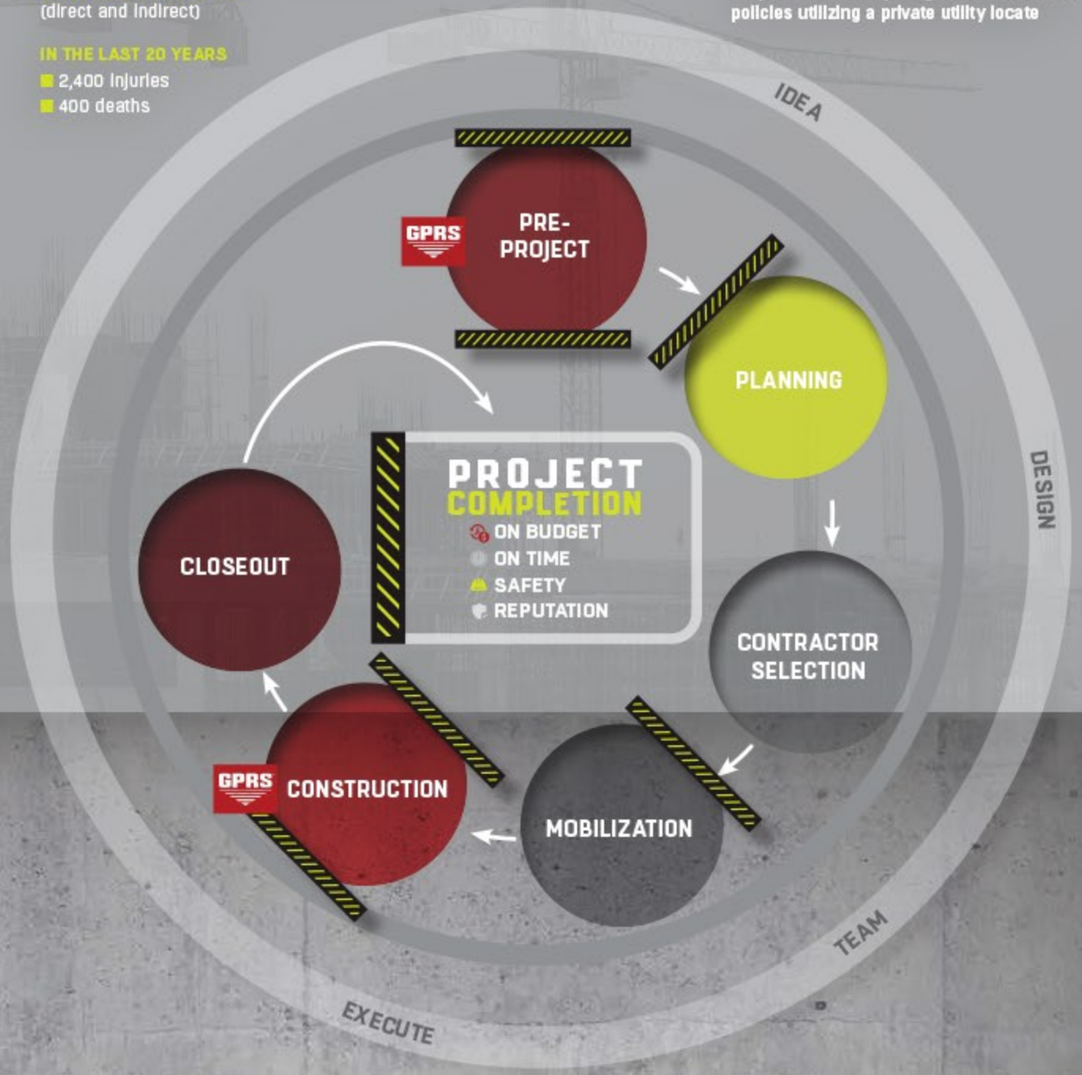
468,000 LINE STRIKES
- Utility strike every 62 seconds (public jobs or jobs reported)

$30 BILLION IN DAMAGES
(direct and indirect)

IN THE LAST 20 YEARS
- 2,400 injuries
- 400 deaths

ROOT CAUSE
- Insufficient dig policy
- Mismarked utilities
- No locate ticket completed

Only 35% have adopted ground disturbance policies utilizing a private utility locate



/// LIFE CYCLE SOLUTIONS

GPRS can provide solutions for the entire life cycle of your projects.

PLANNING DESIGN

We can provide information on underground utilities, known and unknown, and visualize your entire facility above and below ground, before plans and development are finalized. GPRS helps you Visualize Your Built World™ through utility locating, concrete scanning, 3D laser scanning, leak detection, and video pipe inspection to provide the complete picture. Our mapping services supplement any existing maps to assure accurate measurements of existing assets, saving time and money ■

CONSTRUCTION

Prior to trenching, directional drilling, other excavation work and demolition during the construction and renovation of subsurface and aboveground infrastructure, it's critical to pinpoint assets to develop a plan for safe crossing. GPRS provides the accurate information needed to complete the project safely ■

O&M/REMODEL

Construction and renovations typically require subsurface excavations and numerous aboveground measurements. GPRS is well equipped to perform one-call locates for public and private property assets. As a project evolves, we can continue to provide support as we keep detailed reports of every project we complete ■

WHAT IS YOUR GROUND DISTURBANCE POLICY?

/// GPRS SERVICES

UTILITY LOCATING

Utility detection is critical to any construction project where subsurface excavation is planned to ensure the overall timely success of your project. To achieve a comprehensive and safe utility locate, a private utility locator must be utilized to mark buried facilities on private property. The use of proper training, multiple technologies, and a field-tested methodology are essential to properly locating all site utilities.

- PRIVATE PROPERTY LOCATING
- DRILLING & BORING CLEARANCE
- FACILITY MAPPING
- ONE-CALL UTILITY LOCATING

GPRS exceeds industry performance when it comes to the accuracy of our utility locating. Our team of Project Managers can continue the support of your project by creating a one-call program for when your project transitions to the O&M phase.

> "GPRS HAS SHOWN A DEDICATION TO THEIR CRAFT, AN IMPRESSIVE WORK ETHIC, AND MOST IMPORTANTLY, EXCEPTIONAL COMMUNICATION SKILLS.
>
> DAVE HAZEL | ENERGY RENEWAL PARTNERS

STOP HITTING UTILITIES.

DID YOU KNOW? COMPLETED 50,000+ UTILITY PROJECTS IN 2021

/// A GPRS CASE STUDY 01

CUSTOMER:
Team Fishel

TASK:
Installing new power utility through directional drilling.

PROJECT APPLICATION:
Team Fishel has been contracted by Dominion Energy to complete installation for new power distribution utilities throughout the VA market.

PROBLEM

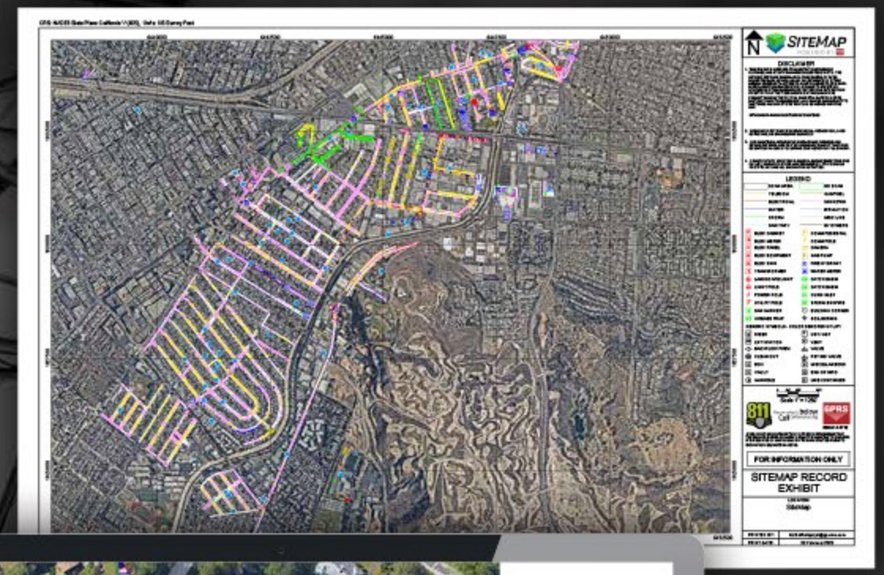
- Public locates have not been reliable and completed onsite. The third-party locator that was being utilized was not providing adequate locates, still resulting in line strikes.
- Line strikes were occurring on the project, causing delays, additional expense, and damage to the residential homes on the project.

SOLUTION

- **National Standard** – SIM Certification for GPRS Project Managers achieving 99.8% accuracy.
- Utilizing GPRS for private locates has helped identify unknown utilities onsite.
- GPRS has dedicated multiple team members to expedite response and create efficiencies.

BENEFITS

- Known location of utilities identified prior to mobilizing to site through mapping capabilities and deliverables.
- **Project Savings** – No damage to utilities, keep project on track from design to execution phase of project.
- Team Fishel has increased their productivity and remain in good standing with Dominion Energy for project renewals.
- **Safety** – Keeping team safe while performing work onsite.



GPRS UTILITY FINDINGS MAP

> THE FEEDBACK FROM MY TEAM IS OVERWHELMINGLY POSITIVE. KEEP UP THE GOOD WORK!
>
> JOHN PALLADINO | AREA MANAGER | TEAM FISHEL

/// GPRS SERVICES

VIDEO PIPE INSPECTION

Video Pipe Inspection (CCTV) is a sewer inspection service using industry-leading video cameras to prevent problems by inspecting underground water, sewer lines, and lateral pipelines. Our NASSCO certified technicians can locate clogs, investigate cross bores, find structural faults and damage, and conduct lateral sewer line inspections.

> "YOUR TEAM WAS UNBELIEVABLY HELPFUL AND RESPONSIVE. EVERY TIME THAT WE REQUEST GPRS VIDEO PIPE SERVICES, YOU TAKE CARE OF BUSINESS.
>
> JORGE RABANAL | SWINERTON

BREAKS, DEFECTS & CROSS BORES.

GPRS FINDS THEM.

- CCTV PIPE INSPECTIONS
- CROSS BORE MITIGATION
- MAINLINE INSPECTIONS
- LATERAL INSPECTIONS
- MANHOLE INSPECTIONS
- UTILITY LOCATING

DID YOU KNOW? GPRS WORKS FOR 96% OF THE ENR TOP 100 CONTRACTORS

/// A GPRS CASE STUDY 02

GPRS OFFERS COMPREHENSIVE NASSCO REPORTS WITH **EVERY VIDEO PIPE INSPECTION.**

TASK:
Contaminated Groundwater Infiltration.

PROBLEM

- The client requested us to locate and inspect the storm sewer system, including potential laterals, at a site with known soil and groundwater contamination.
- There were no known documents/ maps of the storm sewer system or potential laterals.
- The client identified higher contaminant concentrations at the storm sewer outfall than at upstream catch basins.

SOLUTION

- We utilized our VPI services to locate and map all storm sewer lines, laterals, and flow direction to the outfall.
- GPRS can accurately locate and map pipes using lateral launch cameras, robotic CCTV crawlers, and push cameras.
- We identified the area of groundwater intrusion into the storm sewer system, which assisted in determining which portion of the system needed to be repaired.

BENEFITS

- **On Time:** Due to our rapid response, we kept the project moving, reducing downtime.
- **On Budget:** GPRS protected the client's budget by preventing expensive and unnecessary excavations.
- **Safety:** GPRS provided accurate storm sewer locations and depths as well as identifying the contaminated groundwater intrusion. The client was able to dig safely, repair the line and eliminate the contaminated groundwater infiltration.
- **Reputation:** By preventing the client from using a trial-and-error approach, they can quickly and accurately deliver their results to their customers.
- GPRS provides PDF and KMZ files for accurate storm sewer infrastructure maps.

/// GPRS SERVICES

CONCRETE IMAGING

Because concrete drilling comes with risk, GPRS Project Managers are equipped with multiple technologies to clear areas before core drilling and anchoring. Our scanning and imaging services can be completed on any surface, including concrete slabs, walls, columns, and beams. Upon completing the scanning process, you will have a clear layout of critical targets or impediments such as post-tension cables, rebar, beams, and conduits.

- CONCRETE CORING APPLICATIONS
- PRE-PLANNING AND DESIGN
- SAW CUTTING APPLICATIONS
- STRUCTURAL ANALYSIS

WHAT'S HIDDEN IN YOUR CONCRETE?

GPRS FINDS IT.

DID YOU KNOW? WE COMPLETED 25,000+ CONCRETE PROJECTS IN 2021

GREEN BOX GUARANTEE

When GPRS places a GREEN BOX within a layout prior to cutting or coring concrete, we guarantee that area to be

FREE OF OBSTRUCTIONS

/// A GPRS CASE STUDY 03

CUSTOMER:

Turner Construction

TASK:

The Denver Center for the Performing Arts hired Turner Construction to complete concrete removal for a large tenant improvement project, requiring extensive concrete infrastructure changes.

PROJECT APPLICATION:

Turner Construction was required to alter the layout and access points of the structure extensively. Hundreds of concrete core holes were needed to install new electrical, plumbing, HVAC, and fire systems.

PROBLEM

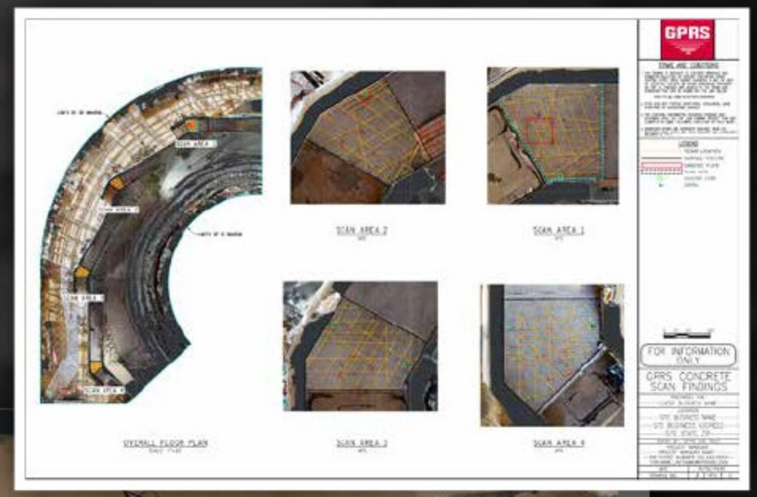
- Due to the building's age and the amount of concrete removal required from walls and floors, it was highly critical not to strike existing reinforcements within the concrete in areas that were not being removed.
- During construction, damage to the existing infrastructure within concrete slabs, walls, and under slabs was a significant safety concern for the owner and the Turner team.
- The project required tight deadlines and extensive project coordination.

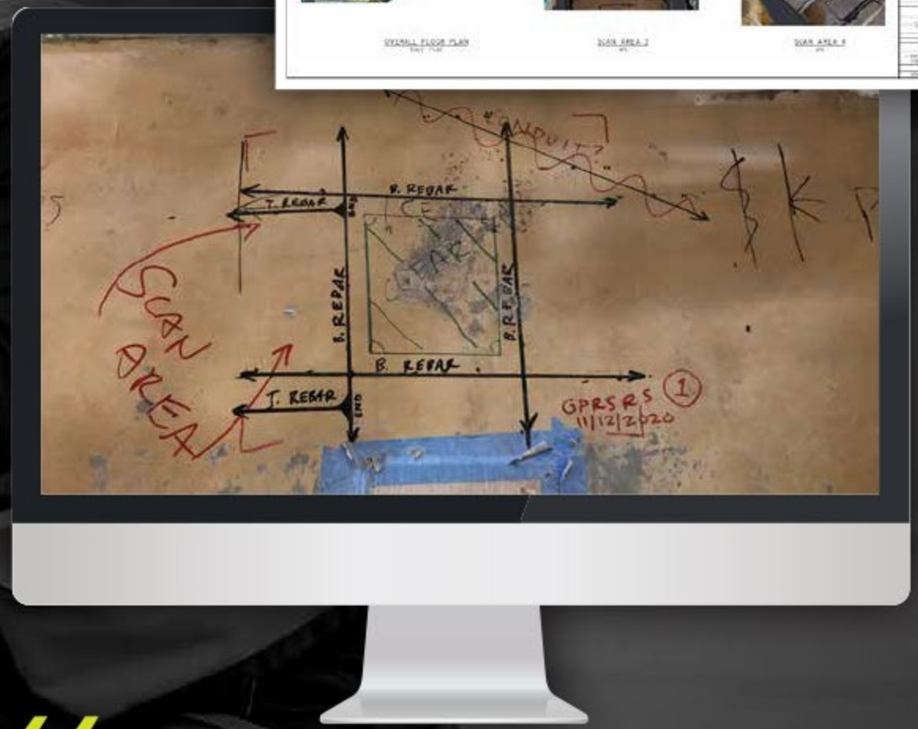
SOLUTION

- Our Project Managers are trained in a world-class facility with thousands of square feet of concrete slab, giving them the experience required to scan the most complex subsurface infrastructures.
- GPRS has a 99.8%+ subsurface scanning accuracy rate, meaning that we keep projects on time, on budget, and safe.
- We can scan dozens of concrete locations during the day. GPRS' repeatable methodologies make our Project Managers quick and efficient.

BENEFITS

- **On Time:** Due to our rapid response, we kept the project moving, reducing downtime.
- **On Budget:** There was no concrete damage allowing the project to stay on budget.
- **Safety:** Protecting post-tension cables and structural steel from damage helped keep all workers safe.
- **Reputation:** No strikes or delays meant that the client's valuable reputation was protected.





> "THANK YOU FOR ALL GPRS DOES FOR ME AND MY TEAM. I CONSIDER GPRS A BIG PART IN OUR SUCCESS IN KEEPING US SAFE. KEEP UP THE GREAT WORK!"
>
> MARK PICCIRILLO | NATIONAL GRID

COMPLIMENTARY KMZ & PDF MAPS
WITH EVERY UTILITY LOCATE

COMPLIMENTARY ACCESS TO SITEMAP® POWERED BY GPRS

READY TO PUT YOUR NEXT PROJECT ON THE MAP?

VISUALIZE YOUR SUCCESS WITH GPRS.

/// GPRS SERVICES

MAPPING & MODELING

GPRS can increase the level of communication and safety on your project by providing clear and understandable maps. GPRS provides complimentary KMZ and PDF maps with every utility locate. When you upgrade to Premier Maps and Models created by **The GPRS Mapping & Modeling Team,** you are showing your commitment to keep your project safe, on time, and on-budget.

MAPS (2D)

MAPS PLUS™
- Site Plan
- Floor Plan

MAPS PREMIER™
- Hi-Res Site Plan
- Floor Plan with Linework

MAPS PREMIER™
- Hi-Res Site Plan with Dimensions
- Floor Plan with Linework and Dimensions

MODELS (3D)

MODELS PLUS™
- Virtual Tour
- Point Cloud
- Mesh Files

MODELS PREMIER™
- 3D Model

MODELS PREMIER™
- 3D BIM Model
- Drone Point Cloud (LiDAR)

SITEMAP® POWERED BY GPRS

CLOUD-BASED INFRASTRUCTURE MAPPING SOLUTION

MAP VIEWER DIGITAL PLAN ROOM

DID YOU KNOW? GPRS WORKS FOR 96% OF THE ENR TOP 50 CONTRACTORS

/// GPRS SERVICES

LEAK DETECTION

GPRS specializes in all types of leak detection, including municipal, industrial, and residential. Our water loss specialists have the equipment to locate your leak and the expertise to provide many other insights into your water distribution system. GPRS does this by utilizing a variety of equipment paired with our industry-leading SIM process. The equipment and methods used include acoustic leak detectors, leak noise correlators, video pipe inspection, ground penetrating radar, and electromagnetic locating, among others.

- ROUTINE WATER LOSS INSPECTIONS
- ACOUSTIC LEAK DETECTION

> “THE GPRS LEAK DETECTION TEAM SAVED THE DAY WHEN THEY IDENTIFIED AN UNDERGROUND WATER LEAK THAT WE COULDN’T LOCATE. THEIR EXPERT TEAM PINPOINTED THE LEAK QUICKLY SO WE COULD MAKE VITAL NECESSARY REPAIRS.
>
> CRAIG ORLOWSKI | INSITE REAL ESTATE, LLC.

SUBSURFACE LEAKS HAPPEN.

GPRS FINDS THEM.

/// A GPRS CASE STUDY 04

CUSTOMER:

Insite Real Estate (Willow Run Plant, Ypsilanti, MI)

TASK:

To pinpoint a leak in their fire suppression system that had been leaking for close to 11 months.

PROJECT APPLICATION:

Use of the Leak Noise Amplification System (DXMic/S30 listening devices), and the Leak Noise Correlator (Tri Corr Touch Correlator) to successfully pinpoint the leak.

PROBLEM

- For close to 11 months this fire loop was losing 1 gallon per second. They had multiple jockey pumps constantly running to keep the pressure up to 150 psi.

SOLUTION

- We listened to every contact point (hydrant, piv, valve, meter pit, etc.) and concluded that the noise was predominately near two hydrants. We correlated to the pipe and pinpointed the leak on the sidewalk.

BENEFITS

- The customer was able to dig only where the leak was located, instead of digging up the entire fire loop or a certain section of the pipe. Another benefit was they were able to dig down, repair the leak and not lose any more water or money.

> THE GPRS LEAK DETECTION TEAM LOCATED AN UNDERGROUND WATER LEAK THAT WE WERE HAVING TROUBLE LOCATING. THEIR TEAM PINPOINTED THE LEAK LOCATION SO WE COULD MAKE THE NEEDED REPAIRS.
>
> CRAIG ORLOWSKI | INSITE REAL ESTATE, LLC.

VIRTUAL WALK THRU

We offer a 3D virtual walkthrough of any of our BIM models, so you can virtually tour your site as if you were in the building itself.

/// GPRS SERVICES

3D LASER SCANNING

Time is money. Traditional as-built drawings waste time because they are often inaccurate and out of date, leading to unexpected problems and critical delays. When you choose to use as-builts provided to you by GPRS/TruePoint, you can avoid time-consuming problems and ensure a solution that overcomes the usual as-built challenges. Our 3D Laser Scanning services can provide the link between unknown existing conditions and a true digital twin.

BUILD AT THE SPEED OF *INSIGHT*

REDUCE INACCURATE CONSTRUCTION DOCUMENTS, CHANGE ORDERS & PROJECT DELAYS.

- AS-BUILT CREATION
- 3D BIM MODELING
- CLASH DETECTION /PREFABRICATION
- MIXED REALITY DEVELOPMENT MODELS

/// A GPRS CASE STUDY 05

CUSTOMER:
SPI Engineering

TASK:
3D laser scan a Water Treatment Plant and deliver raw point cloud data to the Engineering Firm.

PROJECT APPLICATION:
SPI Engineering was generating construction drawings to expand an existing Water Treatment Plant.

PROBLEM

- No as-built drawings existed for the Water Treatment Plant. The firm needed accurate field conditions to create new layouts and plan for the facility expansion.
- Exact dimensions were required to plan modifications and fabricate pipe.
- The Engineering Firm was located in California, the Water Treatment Plant was located in Texas. It was important that they had accurate information digitally to begin design planning.

SOLUTION

- Using a Leica ScanStation, GPRS/TruePoint's project manager completed 40 laser scans of the building to capture architectural, structural and MEP features.
- The client received a colorized point cloud in ReCap (.rcp files and related supporting files) and JetStream Viewer files.

BENEFITS

- Laser scanning is an extremely efficient and accurate way to gather data necessary to put together construction drawings of a building or space.
- 3D laser scanning eliminated the firm's travel to the Water Treatment Plant. In one day on site, enough scans were taken to create a complete colorized point cloud of the space.
- 3D laser scan data provided the Engineering Firm the critical tie points on top tanks and lines, information that was crucial to the expansion.

> "I HAVE USED 3D POINT CLOUDS FOR MANY YEARS. I USE THE RAW POINT CLOUD DATA TO DO MY LAYOUTS ACCURATELY TO THE FIELD CONDITIONS."

MIGUEL SANCHEZ | CAD DESIGNER
SPI ENGINEERING

VIEW YOUR INFRASTRUCTURE WITH SITEMAP.

SITEMAP®

POWERED BY GPRS

SiteMap is a singular subsurface infrastructure mapping solution that allows users to experience their facility data with ease. SiteMap provides map data, subsurface utility information, and a common repository for facility artifacts. This geospatial solution also acts as an all-inclusive digital storage space for blueprints, as-built drawings, maintenance logs, permits, and more. The beauty of SiteMap is that it can geolocate every piece of information so the content can be located and cross-referenced on demand. SiteMap simplifies facility management by providing its users with a powerful all-in-one solution.

ORGANIZATION SIMPLIFIED

It's common for subsurface infrastructure data to be fragmented. SiteMap alleviates the obstacles that hinder effective organization, such as:

- DRAWINGS BEING STORED IN MULTIPLE PLACES
- MAINTAINING OUTDATED AS-BUILT DRAWINGS
- RETAINING PARTIAL OR INCOMPLETE SITE DATA

DIGITAL PLAN ROOM

The Digital Plan Room acts as the central repository for facility documents. These documents are directly viewable in the Map Viewer when appropriately tagged with the location information. The Digital Plan Room is a secure space to store essential and relevant facility documents.

- FILE STORAGE
- HISTORICAL DRAWINGS
- SITE PHOTOS
- DRONE FOOTAGE
- DIGITIZED BLUEPRINTS

MAP VIEWER

The Map Viewer makes viewing facility data easy as it allows the user to attach locational data to specific uploaded documents. This feature enables facility managers to track and locationally designate documents for reference quickly. Additionally, this makes sharing and updating location documentation a more fluid experience.

- VIEWABLE, SEARCHABLE MAPS
- 3D MODELING VIEWER
- TAG SITE FEATURES TO MAPS

ORGANIZE YOUR ASSETS

- ACCURATELY MAPPED
- DIGITALLY STORED
- EASILY ACCESSIBLE

VIEW SITEMAP IN YOUR OFFICE OR ON YOUR MOBILE DEVICE

TAKE THE **NEXT STEP** TO KEEP YOUR INFRASTRUCTURE SAFE. **CONTACT US TODAY. WWW.SITEMAP.COM**

BEYOND BUSINESS AS USUAL

GPRS CUSTOM SERVICE PLANS

Rather than send a rigid rate sheet to prospective clients, GPRS can create a customized service plan. We consider our industry experience, national footprint, and operational/scheduling capacity to craft a customized plan just for you.

SCHEDULING
With one single point of contact for your company, GPRS can schedule utility locating, video pipe inspection, and concrete scanning projects for your site with one call.

PRICING
GPRS understands that clear, understandable, and consistent pricing is a big deal. While we can provide consistent pricing nationwide, we can craft a cost structure that makes sense for the scope of work you need.

APPROACH
Every campus, site, and facility have different challenges. Since our inception, GPRS has completed hundreds of thousands of projects and relies on that experience when crafting a site-specific plan for safety, scanning, and reporting.

GPRS PARTNERSHIP PLUS™

We're excited to unveil our latest service program, **GPRS Partnership Plus™.**

GPRS Partnership Plus is an exclusive service agreement and is only available to our most valuable clients. You'll receive premium benefits and services when choosing GPRS Partnership Plus.

Join us in the pursuit of 100% subsurface damage prevention.

THE RIGHT CHOICE FOR SAFETY

DID YOU KNOW? GPRS WORKS FOR **92%** OF THE ENR TOP 50 CONTRACTORS

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LET'S GET TO WORK

SCHEDULE A PROJECT

GPRS has an unmatched nationwide service network making it easy to find an expert Project Manager in your area. Please contact your local GPRS Project Manager for information, pricing, and scheduling needs.

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SCAN TO FIND A PROJECT MANAGER NEAR YOU

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