

**GPRS**

3D MODELING

GPRS SERVICES



UTILITY LOCATING

To ensure the overall timely success of your project, utility detection is critical to any construction project where subsurface excavation is planned. If this critical first step is ignored, the risk for injury increases, budget overruns can multiply and your schedule can be delayed.



VIDEO PIPE INSPECTION

Video Pipe Inspection (CCTV) is a service used to inspect underground water, sewer and lateral pipelines. VPI is a great tool for investigating cross-bores, structural faults and damages, and blockages.



CONCRETE SCANNING

With new build construction and renovation projects, the likelihood of needing to cut or core concrete is high. There is an inherent risk of striking rebar, conduits, and post tension cables during the cutting or coring process. If a strike occurs, repair costs begin to add up, delays creep into your schedule and it creates a safety hazard for your employees.



REPORTS & DRAWINGS

The goal of the GPRS Deliverables Department is to deliver clear and understandable findings with each of our outputs from field markings to field sketches, KMZ files, or CAD drawings that provide 2D site plans or even 3D CAD models. In addition, upon the completion of every project, our customers receive a job summary that includes job scope information, site photos, description of site conditions, equipment used, and notes from the project.

**GPRS****SUBSURFACE
SCANNING
SOLUTIONS**

NATIONWIDE COVERAGE

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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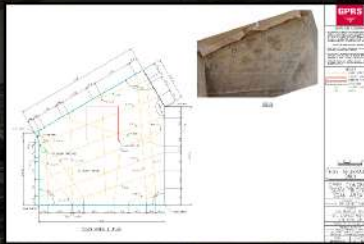
3D MODELING

3D cameras can be used at your site to document our interior findings. These can be used to create a floor plan of your site with our findings added as linework or to create 3D views and point clouds. The 3D views will allow your team to tour the site almost as if you were there yourself.



STANDARD DELIVERABLE

- Detailed written report of our subsurface findings.
- Link to access 3D virtual tour website of the GPRS scan areas.
- Access to Schematic Floor Plan, Color Floor Plan, Color Ceiling Plan, and Point Cloud for an additional download fee



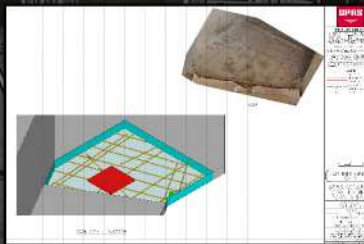
2D CAD DETAILED DELIVERABLE

- Includes the Standard and 2D CAD Tracing Deliverable plus:
 - Depths of objects labeled and dimensions from structural objects shown within a scan area.
 - Scan area view and photo will be shown on a plan sheet



2D CAD TRACING DELIVERABLE

- Includes the Standard Deliverable plus the following:
 - Scan results traced with linework and sized to fit client plans or aerial imagery.
 - Plan sheet pdf and dwg or dgn files will be provided.



3D CAD DETAILED DELIVERABLE

- Includes the Standard and 2D CAD Detailed Deliverable plus:
 - Concrete thickness and depth of objects illustrated in 3D Model of scan area.
 - Isometric sheet added to plan set



CONCRETE SCANNING

GPRS Project Managers are able to determine key slab information for Structural Engineers: rebar and post-tension spacing and depth, concrete cover and overlay thickness, concrete thickness, dowel placement as well as many bridge and road applications. Our scope is not limited by size - we are able to scan complete concrete structures and bridges ■