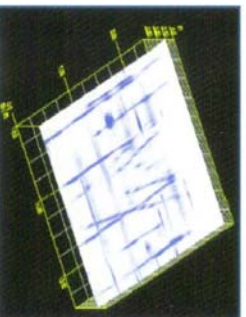


GPR - GROUND PENETRATING RADAR

Ground Penetrating Radar (GPR) uses safe electromagnetic energy to detect and locate objects and voids beneath the surface of concrete, asphalt and soil. In the hands of our trained technicians, the Structure Scan Pro System™ is capable of determining the exact position of piping, utilities, rebar, post-tensioning cables, discontinuities and voids.

GPR ADVANTAGES

- In-field analysis with powerful, advanced data processing
- Immediate results in 2D or 3D
- Application integration, (CAD, GIS)
- Safer than X-Ray - structure and occupants are undisturbed
- No harmful emitted energy or radiation
- Accurate depth measurement and target locations
- Access to only one side of target area required

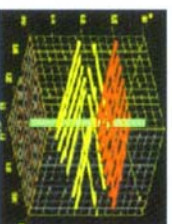


- Depths up to 24 inches in concrete and asphalt
- Depths of 30 feet for objects in earth

APPLICATIONS

INFRASTRUCTURE INSPECTION AND EVALUATION

- **Utility Location**
 - Gas Lines
 - Electrical Conduit
 - Water Lines
 - Sewer Lines
- **Reinforcements**
 - Post-Tensioning Cables
 - Rebar
 - Wire Mesh
- Site Surveying/Mapping



CONCRETE AND ROADWAY INSPECTIONS

- **QA/QC - New and Existing Structures**
- **Slab Thickness**
- **Air Pockets/Voids**

CAPABILITIES

- Differentiation between metallic and non-metallic targets
- Ability to discern between types of reinforcing structures
- Able to locate targets on back side of concrete and asphalt slabs



Briem Engineering

MATERIAL TESTING & ENGINEERING

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Photos Courtesy of GSSI