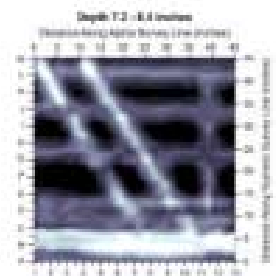
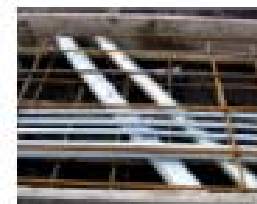


G P R C O N C R E T E I N S P E C T I O N

Best, most cost-effective concrete evaluation tool...

If you need to know what's in your concrete and precisely where it's located, Dearborn can provide you with immediate answers. Utilizing state-of-the-art Ground Penetrating Radar (GPR), and sophisticated modeling software, we provide you with a high quality 3D "map" of the inside of your concrete.

- Analysis of concrete decks, slabs, walls, columns, ceilings, roadway and runway pavements
- Analyzes concrete to depths of up to 2 feet
- Access needed to only one side of concrete - only nondestructive method for slab-on-grade analysis
- Detects reinforcement, PT cables, conduit, pipe and *non-metallic* embedments
- Safe for use in all locations, including: tunnels, balconies, bridges, marine structures and nuclear facilities
- Substantially faster and less costly than Xray
- Advanced post-acquisition data analysis, with direct import into AutoCAD® and MicroStation®
- 3D results - on-site and in real-time
- Provides on-site answers *before* cutting and coring



GROUND PENETRATING RADAR

When you need to know what lies below...

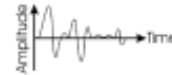
With its **Ground Penetrating Radar (GPR)** systems, Dearborn possesses the Superman-like ability to see through the ground and concrete structures, precisely locating metallic and *nonmetallic* objects. Dearborn conducts a “virtual dig”, ahead of the shovels, trenchers, concrete saws and coring machines, saving you time, money, and most importantly, avoiding disaster.

If hindsight is 20/20, foresight is off the charts!

Nondestructive Inspection Applications:

- Concrete - Delineation of Voids & Embedments
- Roadway & Runway Pavements
- Bridgedecks
- Railway Ballast & Base-Course Materials
- Buried Utilities
- Subsurface Utility Engineering (SUE)
- Geotechnical & Environmental Investigations
- Archeology, Mining & Quarrying
- Agriculture & Bio-Monitoring
- Forensics & Crime Scene Investigations
- Surveillance & Security
- Landmine & Unexploded Ordinance (UXO) Detection

GPR - How does it work?



- Emits energy pulse into the ground
- “Ground” can be anything non-metallic (soil, rock, wood, concrete)
- Records echoes of reflected energy pulses
- Collects data and builds 3D image from echoes



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