



TELECOM



GPRS IS ABLE TO PROVIDE SOLUTIONS FOR THE ENTIRE LIFE CYCLE OF YOUR TELECOM PROJECT.



PLANNING & DESIGN

More than ever, telecom developers need information on underground utilities, known and unknown, before plans and development can be finalized. GPRS utility locating and mapping services supplement existing maps to provide a more complete picture of existing underground assets, saving time and money.



CONSTRUCTION

GPRS is leading the way prior to micro-trenching, directional drilling, and other excavation work during the construction of telecom infrastructure. It's critical to pinpoint underground assets so that a plan can be developed for safe crossing. Whether on a fronthaul/backhaul project, small-cell 5G upgrade, ISP install or a macro site upgrade, GPRS will provide the accurate information needed to complete the project safely.



O & M

Once the project is finished, the risk for utility and underground infrastructure damage does not go away. Macro tower sites, small-cell sites, and fiber lines need ongoing maintenance and upgrades that will once again result in excavations into the subsurface. GPRS is well-equipped to perform one-call locates for these assets on public and private property.



NATIONWIDE COVERAGE

GPRS has field offices in every major metropolitan market in the US. With our national footprint we have easy access to any job site in the country. Contact our Telecom Accounts Manager for more information on a project-specific service plan.

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UTILITY LOCATING

GPRS is the trusted leader for damage prevention in the telecom sector. Our Project Managers deliver results whether a project is in the planning and design phase, construction phase or even the operations and maintenance (O&M) phase.



5G SMALL CELL SITES

With the increasing demand for both enhanced mobile broadband and ultra reliable, low-latency communications, existing pole structures must be replaced to safely hold new 5G infrastructure. When implementing new base station equipment, our utility locating services provide crucial subsurface information that limits the risk associated with excavation ■



FRONTHAUL & BACKHAUL

The connection between the cell tower and the network backbone crosses the path of many underground utilities. This problem also exists for the linkage between a base station and the core-wired network. Microtrenching and directional drilling result in risk to people, property, and reputation. Our locating services enable our clients to mitigate these risks ■



REPORTS & DRAWINGS

We offer a comprehensive range of reporting options, from marks on the ground, to a basic field sketch, to a CAD report that pinpoints buried electrical, water, gas, communication, sewer, storm drain and other buried lines and infrastructure. Our reporting and drawings provide you with a permanent record of our findings for future reference.



MACRO CELL SITES

When upgrading the infrastructure surrounding a macro cell tower, subsurface utility information is an essential component of the project. Whether upgrading generators, fiber lines, shelter buildings or grounding grids, there is a risk of striking utilities during the excavation process. GPRS's unique process will ensure you have the utility map you need to plan, build, and operate safely ■



INTERNET SERVICE PROVIDERS

Across the nation, Distributed Antenna Systems (DAS) are being retrofitted into stadiums, high-rises, hotels, schools, and other facilities. During the installation process, risk is encountered when cutting or coring through concrete or when trenching or excavating. GPRS services easily identify and map subsurface obstructions ■

The use of proper training, multiple technologies and a field-tested methodology is key to properly locating all site utilities. GPRS is a master of all three components through the utilization of the SIM Specification. [SIMSPEC.ORG](https://www.simspec.org)



TRAINING
EQUIPMENT
METHODOLOGY