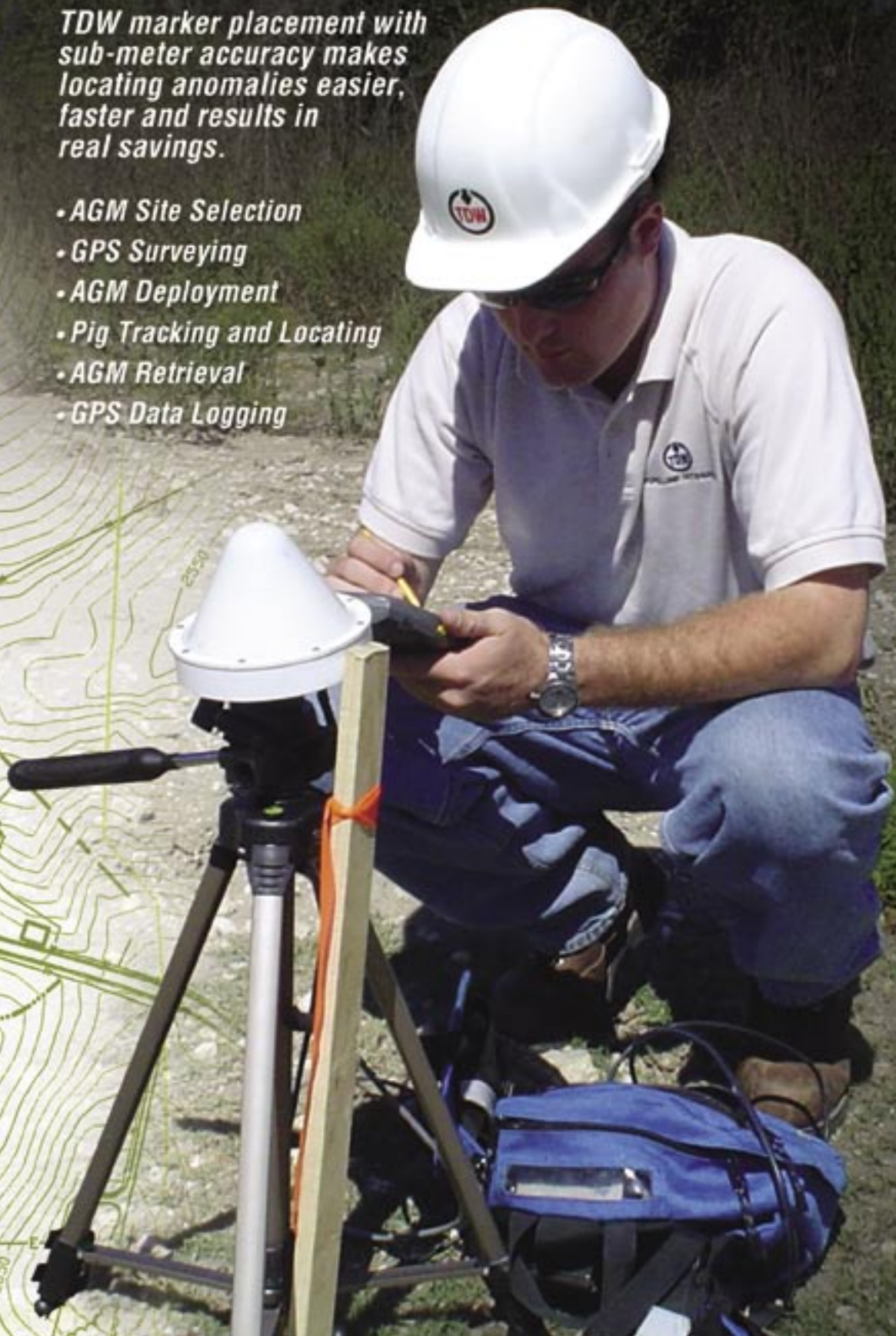




ILI Support Services

TDW marker placement with sub-meter accuracy makes locating anomalies easier, faster and results in real savings.

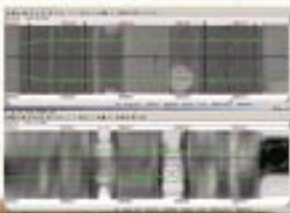
- AGM Site Selection
- GPS Surveying
- AGM Deployment
- Pig Tracking and Locating
- AGM Retrieval
- GPS Data Logging





TDW Services, Inc.

TDW's Magpie® and ILI support services not only provide outstanding value, they deliver the quality results you expect from the world's most trusted name in pipeline services.



All ILI Tools Require Support Services



Fully equipped TDW pipeline service fleet

TDW ILI support services include

- **AGM (Above Ground Marker) Site Selection:** Careful review of maps and terrain characteristics to determine factors such as depth of coverage, power line interference, negative roadway influences and accessibility of right-of-way.
- **GPS Surveying:** A process involving global positioning satellites allows highly refined AGM placement to within sub-meter accuracy. Precisely established and logged points along a pipeline route enhance tool detection and the accuracy of anomaly locations. TDW also uses a triangulation process to accurately establish GPS coordinates.
- **AGM Deployment:** Prior to launch and deployment, ILI tools and AGMs are synchronized with exact atomic time. AGMs are then located along the pipeline route and activated in preparation to detect pig passage utilizing highly reliable Bluetooth® communications technology.
- **Pig Tracking and Locating:** Following the progression of an ILI tool through a pipeline to confirm pig passage at each AGM site. In the event that a pig should stop, its location will be determined between the last AGM site passed and the AGM site yet to signal passage.
- **AGM Retrieval:** Picking up all markers after pig passage and documenting the time of passage at each location.
- **GPS Data Logging:** After ILI inspections, a detailed report is created with the longitude and latitude of AGM locations, which assists in locating specific pipeline anomalies with greater accuracy. Surface photos of each site and instructions on how to access specified locations via roads and right-of-way easements are also provided.

Combine Magpie® and TDW ILI support services on a single contract and deal with one, well-known and trusted company from start to finish. Call us at **918-447-5500** or **800-695-0535**.

TDW technicians are fully equipped to provide ILI support service in virtually any terrain

