

Leadership. Accountability. Integrity.



# Survey

Using our staff of registered professional land surveyors (RPLS) and technical specialists, along with the latest GPS technology, EnSiteUSA offers a complete array of innovative, cost-effective surveying solutions across the U.S. We are committed to providing scalable solutions and project standards based on currently accepted industry guidelines to meet each client's specific needs. Our experienced survey staff and technicians are equipped to provide expertise to each project from preliminary route surveys, to facility site topographic location, to final as-built positioning based on real world coordinate systems.

#### Our survey capabilities include:

- Control Surveys (Network, Project and Photogrammetry)
- Route Selection and Reconnaissance Surveys for Environmental Assessment
- Route Surveys
- · Topographic Surveys
- Profile For Permit Application
- Subsurface Utility Engineering (SUE) Surveys
- Construction Staking and Facilities Layout
- As-built Surveys (pipe tally, weld mapping, in-ditch and post-construction data collection)
- Above Ground Marker (AGM) Surveys and Inline Inspection Support
- GIS Data Collection and Verification Surveys
- American Land Title Association (ALTA) Surveys
- Certified Plats
- Boundary Surveys and Right of Way Acquisitions and Exhibits

# **Geographic Information Systems (GIS)**

In today's world, Geographic Information System (GIS) technology is an integral part of pipeline project planning, design and construction. GIS technology, which connects "intelligent" data to geographic features, enables us to identify potential business development opportunities for our clients. It also allows us to quickly assess new pipeline routes and alternatives. Our GIS platform serves as a powerful tool to communicate visually with our clients and improve efficiencies in project execution. Additionally, with our GIS tools, we can seamlessly generate maps and drawings at any stage of a project.

### Our GIS capabilities include:

- Conceptual Route Design/Analysis
- Alignment Sheet Generation
- Route Maps
- Digital Delivery of Projects
- System Analysis
- System Mapping
- · Data Quality Control
- · Secure Web-Based Project Viewing
- GPS Field Data to Database Integration
- · Data Dictionary Development
- Right-of-Way Management
- Regulatory Requirements Reporting
- Data Extraction
- Public Safety Requirements Reporting
- Facilities Management
- FERC Exhibits
- Class Location Studies
- PHMSA Audit Support

EnSiteUSA is a member of the Pipeline Open Data Standard (PODS) Organization and Geospatial Information and Technology Association (GITA).

Our in-house geographic information systems (GIS) and extensive experience with development, maintenance and expansion of GIS technology set us apart from our competitors.



# EnSite USA Services

Immediate and responsive services for transmission, midstream and distribution companies.



#### Quality & Safety

Having successfully worked nearly two million consecutive hours injury free, EnSiteUSA has been recognized by the energy industry and the Governor's Safety Council as being dedicated to providing safe and healthful operations.



#### **Construction Management & Inspection**

EnSiteUSA's construction management and inspection services are provided by EnSite Quality Control (EnSiteQC), an affiliate of EnsiteUSA. All inspection personnel conform to client specific DOT Operator Qualification (OQ) requirements through OSHA, Veriforce, NCCER, MEA and other accredited OQ programs. EnSiteUSA complies with all DOT PHMSA drug and alcohol testing requirements and is a member of ISNetworld.



#### Land & Right of Way Services

EnSiteUSA provides professional-quality, value-added land and right of way services to our clients so their facilities are legally located to the satisfaction of all parties. We are engaged in projects across the United States, providing services for all stages of pipeline projects, including feasibility studies, site negotiations and acquisitions, construction support and damage negotiations.



#### **Procurement & Material Control Services**

EnSiteUSA provides a full range of procurement and material control services tailored to the specific needs of our clients.



#### **Project Management, Controls & Planning Services**

EnSiteUSA's project management services include conceptual planning, design, construction and placement of the facility in service.

Our project control functions include budget preparation for the entire scope of a given project, planning for the required verses available resources, and regular reporting of project progress in relation to the project plan.

We also offer planning and feasibility studies for every stage of a project.



#### Engineering & Design / Drafting Services

We maintain our commitment to sound, professional engineering services through compliance with all applicable regulations, industry standards and codes. Our accurate, complete and thorough design and drafting services minimize construction errors and cost overruns to benefit a project's bottom line.



#### **Survey & GIS Services**

Using our staff of registered professional land surveyors (RPLS) and technical specialists, along with the latest GPS technology, EnSiteUSA offers a complete array of innovative, cost-effective surveying solutions across the U.S. Our extensive experience with the development, maintenance and expansion of geographic information systems (GIS) sets us apart from our competitors.

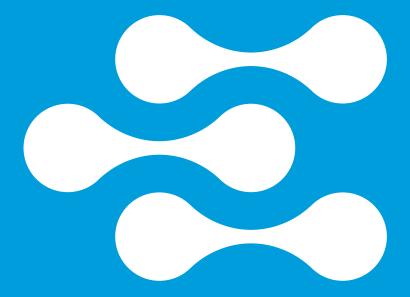


#### **System Operations & Maintenance Services**

EnSiteUSA provides system operations assistance and maintenance services from start up through contract operations.

EnSiteUSA provides a full suite of pipeline management services, from conceptual planning to start-up and operations.





# Leadership. Accountability. Integrity.

## **HOUSTON**

Office (713) 456-7880 3100 South Gessner, Ste 400 Houston, TX 77063

# **LEXINGTON**

Office (859) 873-0076 1055 Wellington Way, Ste 225 Lexington, KY 40513

