

PIPELINE SERVICES

Striking a Balance

GTS has over 50 years of utility and infrastructure engineering experience throughout Pennsylvania encompassing thousands of miles of infrastructure corridor analyses. Our background includes location and related studies for water, wastewater, gas, roadway and rail corridors. From our Harrisburg and Wellsboro locations, our professional staff, including former PADEP regulatory specialists, literally paves the way for smooth, rapid, and cost-effective project completion.



Pipeline Engineering Services

- Route/Corridor Planning
- Access Roads
- Detailed Assessment and Design
 - Environmental Clearance
 - Wetland Delineation
 - Threatened & Endangered Species (PNDI)
 - Cultural/Archaeologic Analyses
- Survey/Right-of-Way/Easements
- Aerial Photography/LIDAR
- Permitting
 - Wetlands and Waterway
 - Erosion & Sediment Control (ESCGP)
 - Stormwater BMPs/PCSM
 - NPDES
- Geophysical/Geotechnical Analysis
- Groundwater Impact Studies
- Foundation/Pad Design
- Construction Inspection/Consultation
- Air/Noise Quality
- Compressor Station Site Design
- Act 14 Notifications
- Stream/Wetland Crossings
- PPC Planning

Confidential Client – GTS’s services include full surveying for pipeline permitting, design, and as-built plans.

Confidential Client – GTS’s services include geotechnical engineering for multiple drill pad sites for bank stability, impoundment berms, storage tank foundations and site selection.

Confidential Client – GTS’s services include surveys for wetlands and archaeological features.

Pipeline planning is a highly complex process that presents many opportunities for delay. Often each step in the process requires careful consideration of factors from multiple diverse disciplines. Making the correct decision can avoid holdups, revisions, and denials that lead to significant additional costs.

GTS’s experienced staff provides expertise in all the disciplines required for effective pipeline planning. Our professionals use decades of experience in geophysics and geology, hydrogeology, land use, environmental planning/permitting, survey/mapping, transportation, and public involvement to work for you.

Our use of modern GPS and GIS techniques helps us quickly identify constraints and evaluate pipeline routes. This benefits you by providing significant time- and cost-savings, eliminating missteps, and ensuring the optimum decision for your situation.

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