

# The Quarterly

A Quarterly Newsletter for our Clients and Colleagues to stay up on all things GTS.



6-mile County Tap and Main Project in Georgia. GTS provided design engineering, land survey, geotechnical investigations, hydrostatic test design, cathodic protection (CP) design, and AC mitigation design.

## What's Covered:

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## PHMSA's Mega-Rule Part 1 – It's Here, Do You Know Where You Stand?



PHMSA has published updates to 49CFR, Parts 191 and 192. Do you know where you stand? These updates reflect significant changes impacting operators of natural gas transmission assets throughout the United States. The impacts are large and operators will have to act, if they haven't already done so... [Read More](#)

# Providing Safe & Reliable Solutions into the Future

Wow, 2020 turns out to be a very different year!! We, at GTS, want to encourage everyone to be safe, not only as we always have been safe in operating in the natural gas industry, but also following all federal and states guidelines with the Covid-19 threat that is changing our world.

As always, GTS is here to provide our expert engineering and consulting services and support to operators during these trying times. Because operators are still obligated to ensure that their systems are always operating safely, compliantly, and able to serve customer needs.

By conducting a regulatory gap analysis (based on recent Mega-rule, Part 1 changes), GTS can provide operators comfort in the knowledge of where you stand and what actions need to be taken to close any gaps. In addition, GTS continues to provide a full menu of services that operators require. Some of these services that you are seeking may be:

- MAOP Reconfirmation and Material Verification, including creation of the 15-Year Plan
- Digs Program Management Establishment and Execution
- Piggability programs

- Hydrostatic testing programs
- Distribution and transmission replacement programs
- Integrity management services
- Regulator Station Review Programs

We invite you to take a look at our website for a full list of our services and how we can assist you to overcome your challenges.

Be safe & healthy!





## Project Overview

### GAS TRANSMISSION MEGA RULE COMPLIANCE ASSESSMENT

GTS performed a comprehensive review and evaluation of our client’s existing gas integrity management and compliance programs as compared to the requirements of the final Pipeline Safety Regulatory Rule changes under Docket No. PHMSA–2011–0023, also referred to as the “Transmission Mega Rule #1”, published on October 1, 2019.

GTS utilized a team with extensive experience in developing, implementing, and managing gas integrity management, pipeline safety regulatory compliance and MAOP Reconfirmation programs for gas utilities and pipeline companies. The methods GTS used in this project provided an in-depth, detailed, evidence-based assessment and understanding of the current programs, processes, procedures, and practices. The outcome provided the client with the confidence that the areas of strength and areas for improvement were identified and understood.

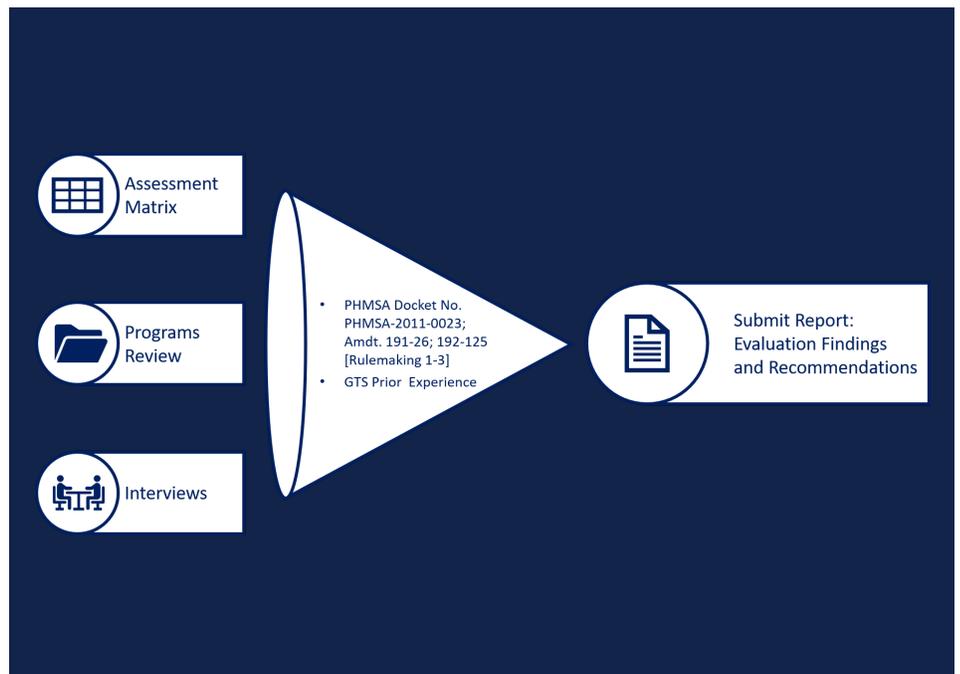
GTS’ evaluation of the client’s programs was performed by developing and utilizing a compliance assessment matrix (“Regulations Compliance Assessment Matrix”) to compare existing procedures

and practices to the requirements of new rule. GTS developed a set of standardized questions / discussion topics and then conducted interviews with key personnel to gain an understanding of program implementation and effectiveness status.

A final report and updated Regulations Compliance Assessment matrix were provided with GTS’ findings. The report summarizes the results of the reviews and interviews conducted, gaps identified, and GTS’ recommendations to close the identified compliance gaps. The report also included a Class 4 estimate of cost to implement the major recommendations.

The Gas Transmission Mega Rule Compliance Assessment process, utilizing the Regulations Compliance Assessment Matrix, provides clients with an in-depth assessment of their compliance status and outlines a path forward in developing and implementing programs to achieve compliance.

Below is a graphic that provides an overview of the process behind GTS’ Regulatory Gap Analysis service offering:



# GTS Pipeline Construction Support Services

Gas pipeline construction projects require extensive coordination and management to ensure goals are met for public and contractor safety, compliance with pipeline safety and environmental regulations, landowner relations, project schedule and project economics. The infographic below depicts key activities related to the construction phases of a gas pipeline project.

GTS has extensive experience and expertise with providing a full range of engineering services for our clients in support of successfully completing the construction of gas pipeline and related facilities. Our team of engineering experts provide support services throughout the various phases of a pipeline project. Below is a summary outlining some of our services for new and replacement pipeline projects:

- Hydraulic Capacity Studies
- Feasibility Studies
- Route Analysis Studies
- Project Cost Estimating Studies
- Pre-construction Survey Support
- Pipeline and Station Construction Design Drawings
- Horizontal Directional Drilling Design
- Hydrostatic Pressure Testing Design and Procedures
- Land & Permitting Agency Coordination
- Project Management
- Field Engineering Support
- Construction Management
- Commissioning Support
- Material Records Management Process and Programs Development
- As-built Drawing Process Development
- Data Collection Process Development
- MAOP Certification

[Click here to view infographic](#)

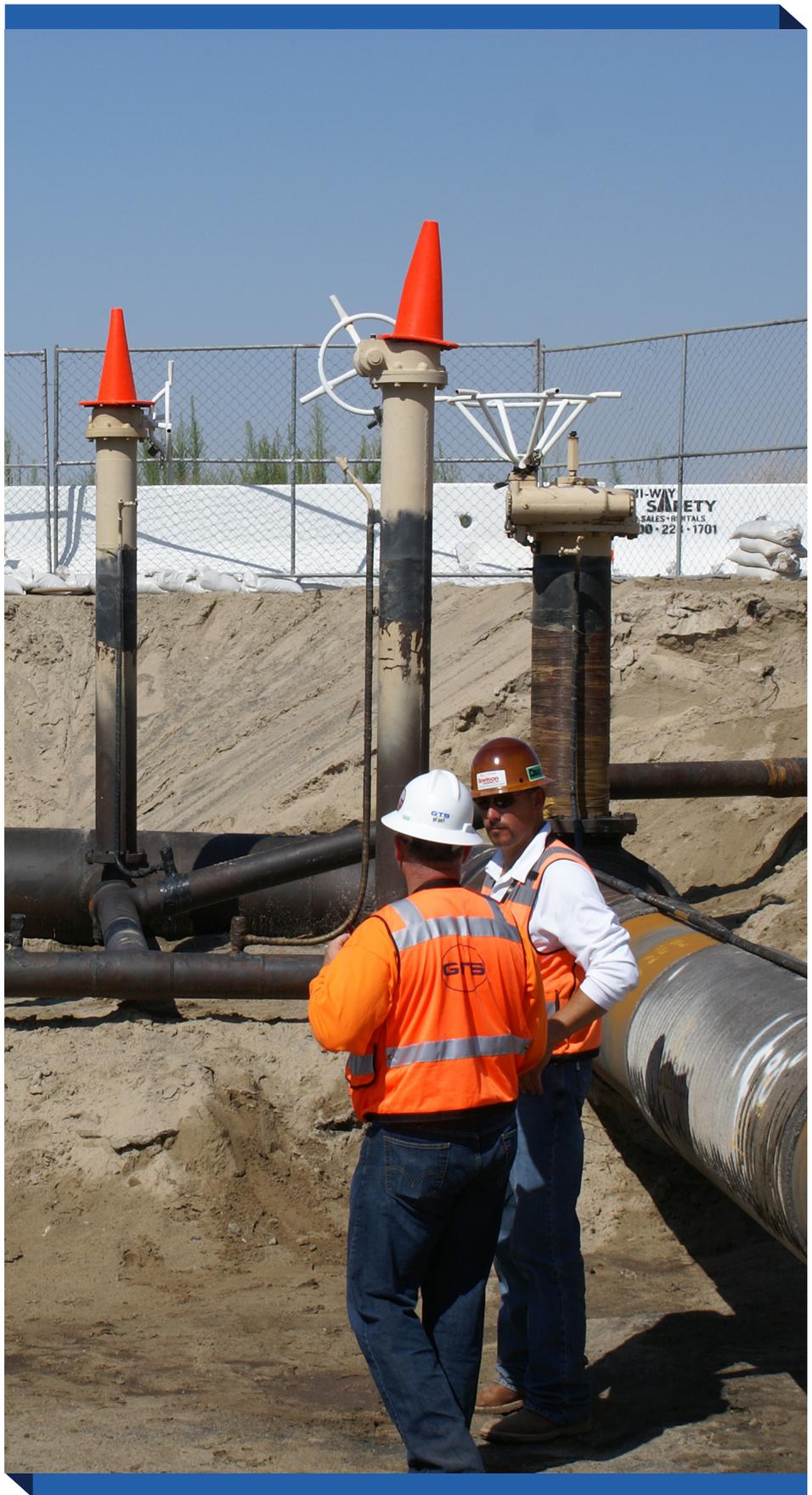


# How can we help you?

GTS provides engineering and consulting services to utilities and pipeline operators across the United States. Our expertise and “can do” spirit enables us to provide natural gas utilities and pipeline operators with the solution that matches technical requirements and is compatible with existing operations. The following are some of our areas of industry leading expertise:

- Rehabilitation and replacement of aging natural gas infrastructure – transmission, distribution and facilities
- MAOP Reconfirmation - Pipelines & Stations
- Hydrostatic Testing of in-situ transmission pipelines
- ILI Retrofitting of transmission pipelines and Piggability Studies
- Regulator Station Review Programs

GTS is currently providing capabilities presentations to operators who are preparing to comply with the NPRM requirements. Let us know how we can help you get to where you need to be. Please contact us [here](#).



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Speak  
Gas.”



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