## **Quarterly Report – Public**

**Date of Report:** 2<sup>nd</sup> Quarterly Report – March 31, 2023

**Contract Number:** 693JK32210010POTA

**Prepared for:** DOT PHMSA

Project Title: Risk-Based Decision Support for Rehabilitation of Natural Gas

**Distribution Pipelines** 

**Prepared by:** *GTI Energy* 

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For quarterly period ending: March 31, 2023

## 1: Work Performed During this Quarterly Period

<u>Task 1 - Conduct Kick-off Meeting and Form Technical Advisory Panel:</u> This task is completed. Work in this quarter included the following:

- Identified current pipeline rehabilitation systems in the market and related material properties and performance characteristics. These systems were obtained from available manufacturers' data and operators' rehabilitation programs.
- Project deliverable: Task 1 Report: 'Rehabilitation Systems and Performance', due to DOT within six (6) months of the effective date of the Agreement.

## 2: Project Technical Status

The Interim Report, in the Attachment, includes the kickoff meeting presentation.

## 3: Project Schedule

Figure 1 shows the project schedule and progress as of the end of this quarter. No time-related issues are reported in this quarter.

Tasks

Duration in Quarters

Tasks

1 2 3 4 5 6 7 8 9 10 11 12

Kickoff and Technical Advisory Panel Identify Threats and Relative Importance

Evaluate Pipe Response to Threats

Risk Assessment Software

Evaluate Rehabilitation Options

Risk Mitigation Decision Support

Verify Performance from Field Data

Project Management and Reporting

Figure 1 - Project time schedule