

# 1<sup>st</sup> Quarterly Report – Public Page

Date of Report: 30 November 2013

Contract Number: DTPH56-13-T-000011

Prepared for: DOT Pipeline and Hazardous Material Safety Administration

Project Title: Above-Ground Detection Tools Including Disbondment and Metal Loss for all Metals Including Cast-Iron Graphitization

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For quarterly period ending: 30 November 2013

**Results and Conclusions:** The project was initiated and the kick-off call between PHMSA and GTI took place. The conceptual design document has been prepared; this document represents a milestone at the completion of Task 1. The necessary equipment for the first round of field testing has been procured. GTI is working with several gas utilities to schedule times and sites for these tests.

**Plans for Future Activity:** During the next quarter, GTI will begin in-house testing and familiarization with the new equipment. This is in preparation for the first round of field testing with three participating gas utilities and is also anticipated in the next quarter. After examining results and observations from these tests, GTI will choose a robotic platform to automate the motion of the sensor equipment on the survey sites. The robotic platform will be used in the second round of field testing.