

2nd Quarterly Report – Public Page

Date of Report: 28 February 2014

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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Results and Conclusions: The new magnetometer system was received at GTI and researchers are familiarizing themselves with the system capabilities in preparation for initial field testing. The severe winter weather has prevented initial testing of the equipment. The initial field tests will start during March in the Chicago area and is at variance with the original schedule. The overall delay on the completion of this initial testing will be on the order of 2 to 3 months. It should be possible to maintain the overall project end date if purchase and evaluation of the robot chassis can commence during the initial testing. The schedules for other tasks can be accelerated once the chassis has been tested.

Plans for Future Activity: During the next quarter, the initial testing of the new equipment will be completed with assistance of three participating utilities. The collected data will be compared with the past research work. The chassis and drive system procurement will be discussed with the project sponsor to assure that the overall project schedule can be maintained.