

Quarterly Report – Public Page

Date of Report: 2nd Quarterly Report - March 31, 2020

Contract Number: 693JK31910004POTA

Prepared for: DOT PHMSA and OTD Co-funders

Project Title: Subsurface Multi-Utility Asset Location Detection

Prepared by: Gas Technology Institute (GTI)

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For quarterly period ending: March 31, 2020

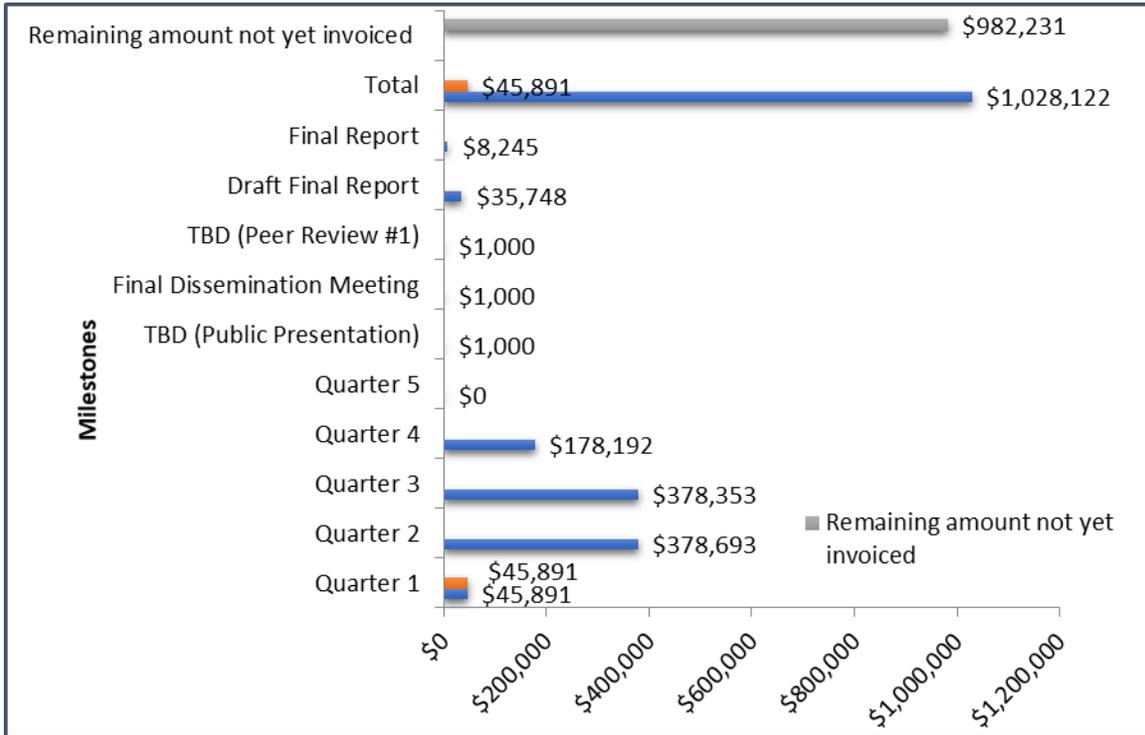
1: Items Completed During this Quarterly Period:

Item #	Task #	Activity/Deliverable	Title	Federal Cost	Cost Share
7	8	2nd Quarterly Status Report	Submit 2nd quarterly report	\$8,890.00	\$3,810.00

2: Items Not-Completed During this Quarterly Period:

3	2	Marker and Locator Technology Optimization	Analyze optimized electronic pipe markers and housing. Purchase, qualify, and scale up marker molds for testing and integration process with the PE pipe manufacturer	\$207,625.00	\$253,953.00
4	3	Attachment and Manufacturability Method Evaluation and Optimization	Review and evaluate pipe attach process options and integration with current pipe manufacturing methods.	\$115,500.00	\$187,361.00
5	4	ILPP, Marker, and Marker Attachment Testing	Short-term lab testing of ILPP samples	\$20,065.00	\$0.00
6	5	Utility Training, Guidelines, & Installation of ILPP	Identify utility installations along with installation plans	\$26,613.00	\$20,736.00

3: Project Financial Tracking During this Quarterly Period:



Quarterly Payable Milestones/Invoices – Contract #693JK31910004POTA

4: Project Technical Status –

- [Items #3 - 6] Task 2, 3, 4, & 5 deliverables have not been completed during the 2nd Quarter.
 - The team is still holding discussions with a pipe extrusion company to participate in the ILPP project. Specifically, to assist with the tag attachment method in a manufacturing environment.
 - GTI put a contract in place with a consultant (former Technical Director at Performance Pipe) to assist with the participation by a PE pipe extruder
 - GTI is still finalizing the subcontract with partner 3M

- [Item # 7] Task 8 deliverable due in the second quarter completed
 - The team completed and submitted the 2nd quarterly report

5: Project Schedule –

Task	Task Description	Q1	Q2	Q3	Q4	Q5
1	Project Scoping	Planned Activity				
2	Marker and Locator Technology Optimization		Planned Activity	Planned Activity		
3	Attachment Method Optimization		Planned Activity	Planned Activity		
4	ILPP, Marker, and Marker Attachment Testing		Planned Activity	Planned Activity	Planned Activity	Planned Activity
5	Utility Installations of Inherently Locatable Plastic Pipe		Planned Activity	Planned Activity	Planned Activity	Planned Activity
6	Data Analysis and Reporting					Planned Activity
7	Project Management	Planned Activity	Planned Activity	Planned Activity	Planned Activity	Planned Activity
		Planned Activity				
		Planned Activity				