

Public Quarterly Report

Date of Report: 9th Quarterly Report – December 31, 2023
Contract Number: 693JK3211RA0001
Prepared for: DOT PHMSA
Project Title: *Using Alternative-Steel and Composite Material in Gas and Hazardous Liquid Pipeline Systems*
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For quarterly period ending: December 31, 2023

1: Work Performed During this Quarterly Period

Task 4 - Assessment of Construction Damage. This task assessed the bending stresses resulting from construction and soil movement. A testing program was performed by the subcontractor: Stress engineering on evaluating these stresses in composite pipe samples.

Figure 1 presents the related deliverable milestones.

2: Items Not Completed During this Quarterly Period:

Work in Task 4 is complete. This task evaluated the assessment of integrity threats resulting from soil movement causing bending of the composite pipe. The interim report on the testing of the pipes under bending loads and operating pressures is in the Attachment.

Work in Task 6: Assessment of Other Integrity Threats is still in progress. This work is being performed by the subcontractor: C-FER and the task report is due next quarter.

The 9th quarterly report of the project is complete (this report).

Technical and Deliverable Milestone Schedule								
<u>Item No.</u>	<u>Task No.</u>	<u>Activity/Deliverable</u>	<u>Quarter No.</u>	<u>Expected Completion Date/Mos</u>	<u>Payable Milestone</u>	<u>Federal Payment</u>	<u>Resource-Share</u>	<u>*Total</u>
	(per proposal)	ACTIVITY/DELIVERABLE			TITLE			
12	4	Construction Damage and Quality Assurance	6	18 months	Investigation of current construction procedures and associated damage threats. Task 4 Interim Report: QA and Construction Requirements.	46,310.00	0.00	46,310.00
23	10	9th Quarterly Status Report	9	27 months	Submit 9th quarterly report	2,613.00	0.00	2,613.00

Figure 1 – 9th Quarter Deliverables Milestone

3: Project Schedule

Figure 2 shows the project schedule and progress as of the end of this quarter. The project duration was extended in a modified agreement for 2 quarters (13 and 14). Task-6 work schedule will be completed in the following quarter.

Figure 2 - Project time schedule

