

Quarterly Report – Public Page

Date of Report: 1st Quarterly Report - December 18, 2024

Contract Number: 693JK32410002

Prepared for: DOT PHMSA

Project Title: *Developing Safety Models for Potential Impact Radius (PIR) Determination in Hydrogen and Hydrogen-Natural Gas Pipeline Systems Using Computational and Experimental Methods*

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For quarterly period ending: December 30, 2024

1: Items Completed During this Quarterly Period:

| <i>Item #</i> | <i>Task #</i> | <i>Activity/Deliverable</i> | <i>Title</i> |
|---------------|---------------|---|------------------------------------|
| <i>1</i> | <i>1</i> | <i>Project Kickoff</i> | <i>Project kickoff meetings</i> |
| <i>2</i> | <i>2</i> | <i>Submit monthly updates on PRIMIS</i> | <i>Monthly updates</i> |
| <i>3</i> | <i>3</i> | <i>1st Quarterly Status Report</i> | <i>Submit 1st quarterly report</i> |

2: Items Not Completed During this Quarterly Period:

The project is currently on schedule. All planned tasks up to this point have been completed.

3: Project Financial Tracking During this Quarterly Period:

This information is included in the Internal Quarterly Report.

4: Project Technical Status:

Item #1, Task #1: Project Kickoff – Project kickoff meetings

The first task item for the project was to hold kickoff meetings, both internal facing and external facing. First, a kickoff meeting with the core project team was held on November 11. This meeting included key representatives from the three project partners: SwRI, TAMU, and HEP. Then a kickoff meeting was held with the full project team on November 15. This meeting included the three project partners (SwRI, TAMU, and HEP) as well as representatives from PHMSA and the project advisory committee. This activity included preparation of presentation materials, initial literature review, and planning activities.

Item #2, Task #2: Submit Monthly Reports on PRIMIS – Monthly updates

A total of three monthly updates were composed and updated to PRIMIS.

Item #3, Task #3: 1st Quarterly Status Report – Submit 1st quarterly report

This report is the first quarterly status report.

5: Project Schedule –

The project is on schedule.