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This project is based on ongoing efforts by GTI and EWI to improve field welding and coating practices. This combined expertise, data, and experience will be augmented by pipeline welding contractors, operators and coating manufacturer application partners.

During the sixth quarter of the project:

GTI/EWI performed experiments to determine the methods to best test weld geometry's effect on coating performance. These experiments demonstrated that adhesion tests are inadequate at evaluating coatings on a welded surface. The methods that will be used to probe the coatings on a welded surface are impact resistance, and accelerated corrosion testing.

Additionally, GTI/EWI requested and were granted a no cost time extension due to the difficulty of finding an appropriate time to get all parties involved for the full scale welding specimens. In the coming quarter these full scale welds will be completed and the small simulated test welds will be coated and subjected to analysis.

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