

## Public Page

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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 third quarter of the project:

GTI/EWI completed Task 1, researching current in-field welding and coating practices. During this task, GTI/EWI conducted a literature search and survey of existing approaches and practices that pipeline welding contractors use during pipeline construction that could affect the integrity and quality of field applied coatings. Pipeline operators were also surveyed pertaining to hot tap branch connections and repair devices that are installed in subsequent service, as well as with regard to coating system failures at field joints and appurtenances. GTI/EWI collected survey data from 101 survey respondents. The survey result was analyzed by both GTI and EWI and is included in this quarterly report.

Currently, GTI/EWI is developing protocols to improve welding-coating coordination. GTI/EWI and partners will weld and coat test sections using the existing and improved protocols and validate improvements with accelerated corrosion/coating tests. GTI/EWI will develop field protocols to improve (1) welding and field application practices and (2) coordination between the welders and coaters. This may include changes to current welding and post-welding procedures, coating surface preparation and application procedures, and coating selection. A set of clear/concise recommendations will be submitted for incorporation into consensus guides and recommended practices (e.g., NACE/SSPC, AWS, API, AGA, etc.).

Mr. Daniel Ersoy  
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