



Driven Piling – Steel Pipe Piling

Revision and Approval

Revision	Date	Nature of Changes	Approved By
0	09-04-2018	Original issue.	Steve Altman

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Background

This process establishes Structure Construction (SC) responsibilities and procedures for review and authorization of submittals, quality assurance, and construction activities specifically for steel pipe piling.

This process is in addition to general activities for driven piling described in [BCM 49-2.01A\(3\)](#), *Driven Piling – Submittals*; [BCM 49-2.01A\(4\)\(c\)](#), *Driven Piling – Quality Assurance – Department Acceptance*; [BCM 49-2.01C](#), *Driven Piling – Construction*; and [BCM 49-2.01D](#), *Driven Piling – Payment*.

This process is also in addition to field welding procedures described in [BCM 11-2](#), *Welding Quality Control*.

Process Inputs

1. Contractor-submitted driven steel pipe piling submittals
2. [Form CEM-3101](#), *Notice of Materials to be Used*
3. [Form TL-29](#), *Report of Inspection of Material*
4. Field welding submittals and personnel qualifications and certifications described in [BCM 11-2](#), *Welding Quality Control*

Procedure

1. All work associated with this process is charged as [Project-Direct – Construction](#).
2. Inspection of field work for this process is:

- a. [Continuous](#) for installation of steel pipe piling.
 - b. [Intermittent](#) for field welding of steel pipe piling.
3. Before construction begins:
- a. Discuss shop drawing review and authorization, certificates of compliance, steel pipe piling fabrication, welding inspection requests for Class N steel pipe piling, and field welding requirements with the Contractor and METS Representative:
 - i. Review AWS D1.1 Requirements.
 - ii. Verify the proposed steel pipe piling fabrication facility is on the [Department's Authorized Facility Audit list](#).
 - b. Review the Welding Quality Control Plan in conjunction with METS per [BCM 11-2, Welding Quality Control](#).
 - c. Review certificates of compliance for steel pipe piling for conformance with the requirements of the contract documents:
 - i. Contact METS Representative for assistance in the review as needed.
 - ii. Verify that materials match certification documents.
 - d. Authorize or reject submittals. Notify the Contractor in writing.
4. During construction:
- a. Coordinate inspection of field welded splices with the METS Representative as needed.
 - b. Document all construction activities in the Daily Reports.

Process Outputs

- 1. Authorized submittals

Attachments

None