



## Driven Piling – Structural Shape Steel 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 structural shape steel piles.

These are 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 structural shape steel pile 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 structural shape steel piling.
  - b. [Intermittent](#) for field welding of structural shape steel piling.
3. Before construction begins:
- a. Confirm steel that meets the contract requirements is being procured and that Materials Engineering and Testing Services (METS) has been notified through [Form CEM-3101](#), *Notice of Materials to be Used*.
  - b. Review the [Welding Quality Control Plan \(WQCP\)](#) in conjunction with METS per [BCM 11-2](#), *Welding Quality Control*.
  - c. Authorize or reject submittals. Notify the Contractor in writing.
  - d. Perform timely field verification that the materials delivered meet contract requirements and were not damaged in shipping:
    - i. Collect Inspection Tags and match them with the appropriate [Form TL-29](#), *Report of Inspection of Material*.
    - ii. Make note on material condition.
4. During construction:
- a. Confirm field welded splices meet the requirements of the contract documents.
  - b. Document all construction activities in the Daily Reports.

### **Process Outputs**

1. Authorized submittals
2. [Form TL-29](#), *Report of Inspection of Material*, and matching orange tags
3. Daily Reports

### **Attachments**

None