

Driven Piling – Measurement & Payment

This attachment contains information on measurement and payment for driven piling, including materials on hand and the two common items associated with driven piles: “FURNISH PILING” and “DRIVE PILE”.

For driven piles that cannot reach specified tip elevation because of hard driving, consult the Geotechnical Services (GS) Geoprofessional and the Structural Designer. Driven piling that fails to reach tip elevations shown on the plans but has been determined to be adequate and approved by the designer, is measured along the longest side, from the specified tip elevation shown on the plans to the plane of cut-off elevation in accordance with *Contract Specifications*, Section 49-2.01D, *Piling – Driven Piling – General – Payment*.

For driven piles that are driven beyond tip elevation, see below for payment determination.

1 - Materials on Hand

When the contract *Special Provisions* qualify the material for materials on hand and it does not meet the requirements for furnish piling, payment may be made as materials on hand at the Contractor’s request.

Steel piling and precast concrete piling not yet incorporated in the work are typically listed in the contract *Special Provisions* as being eligible for payment as materials on hand.

Determine eligibility for materials on hand payments per the *Construction Manual*, [Section 3-906E](#), *General Provisions – Payment – Progress Payments – Materials on Hand*.

2 - Furnish and Drive Piling Contract Item Payment

When steel or precast concrete piling of proper length are delivered to the job site ready for driving, and the *Contract Specifications* requirements for furnish piling have been met, the material should be paid under “FURNISH PILING” item on the monthly progress pay estimate. Piles stored offsite (within 30 miles of the job site) or onsite but not ready for driving, are to be considered as materials on hand.

For steel pipe piling, full payment on the furnished item will not be made until the piling is onsite and all field welds are completed and approved. This work includes welding of splices and shear rings, when required in the contract documents.

For driven piling that does not attain the required bearing due to soft soil underlayment, consult the GS Geoprofessional and the Structural Designer prior to increasing the pile length. The length of piling that extends beyond the tip elevation shown on the plans, if ordered by the Engineer to meet design requirements, will be paid for as change order work in accordance with *Contract Specifications*, Section 49-2.01C(1), *Piling – Driven Piling – General – Construction – General*.