

DESCRIPTION

A. General. This work shall consist of furnishing the materials and driving an obstruction searching casing spud at the location shown on the contract plans.

B. Definitions. Definitions that apply within this specification are:

Casing Spud. A temporary steel shell, driven to refusal or the specified length, used to determine the presence of an obstruction. The interior of the casing is not excavated and it is extracted upon reaching refusal or the specified length.

Obstruction. An obstruction is a subsurface barrier that will hinder the installation of foundation elements. Existing foundation elements are obstructions.

Refusal. Refusal of the casing spud is the resistance to driving due to an obstruction.

Rock. Rock is defined in the subsurface information.

MATERIALS

Casing. Provide the specified diameter and length of temporary casing capable of withstanding all handling, installation, and extraction stresses.

CONSTRUCTION DETAILS

A. Submittal. Submit the proposed procedure and equipment for driving an obstruction searching casing spud to the DCETS for review and written approval prior to commencing the work. The DCETS will render a decision within 15 working days, measured from the date of receipt of all pertinent information. Do not begin work until the DCETS has issued all approvals.

B. Obstruction Search. Drive the casing spud at the locations and to the length identified in the contract documents. If an obstruction is encountered, record the depth and extract the casing spud.

C. Subsurface Report. After completing each search location, provide the Engineer with a report on the depth explored.

METHOD OF MEASUREMENT

This work will be measured as the number of casing spuds driven at the locations shown on the contract plans.

BASIS OF PAYMENT

The unit price bid shall include the cost of furnishing all labor, material, and equipment necessary to complete the work including equipment for driving the casing spud.

Payment will be made under:

Item No.	Item	Pay Unit
551.32----01	Subsurface Obstruction Search	Each