

## **703 - DRILLED SHAFTS**

### **703.1 DESCRIPTION**

This work shall consist of constructing cast-in-place cylindrical reinforced concrete shafts at locations and to the elevations shown on the plans. Drilled shafts shall be constructed in accordance with Section 703 of the Standard Specifications.

### **703.2 SUBSURFACE DATA**

The geotechnical investigations were prepared for the guidance of the Contractor as to what soil and water conditions may be expected at the site. They are not guaranteed as representing all the conditions which may be encountered. Each bidder is cautioned that it is your responsibility to examine the boring logs and to determine if the information provided in the report is adequate for your method of construction. The Owner will not assume responsibility for variations in soil and water conditions at locations or times other than indicated.

### **703.3 MATERIALS**

Concrete shall be KCMMB 5K. Reinforcing Steel shall be in compliance with Section 711 of the Standard Specifications and shall be Grade 60 unless otherwise specified on the plans.

### **703.4 MEASUREMENT AND PAYMENT**

The Engineer will measure drilled shafts by the linear foot measured from the bottom of the rock socket to the top of the completed drilled shaft.

The Engineer will measure the permanent casing by the linear foot of installed accepted casing.

The Engineer will measure each sonic test, at locations designated in the Contract Documents and added locations, per shaft (i.e. sonic logging between all possible combinations of pipes represents a single sonic test). If the sonic testing indicates defective concrete in the drilled shaft, the Engineer will measure the first sonic test for payment, and the Contractor is responsible for subsequent sonic testing of that shaft.

The Engineer will measure the investigative core hole by the linear foot, from the existing ground surface to 6 feet below the drilled shaft tip elevation.

Payment for "Drilled Shaft" and "Core Hole (Investigative)" at the contract unit prices, and "Permanent Casing" and "Sonic Test" at the contract set unit prices is full compensation for the specified work.

All material used in the construction of drilled shafts shall be considered subsidiary to this item.